



#21

SEQUENCE LISTING

<110> Kumar Verma, Sunil
Singh, Lalji

<120> UNIVERSAL PRIMERS FOR WILDLIFE IDENTIFICATION

<130> U 013365-9

<140> 09/821,782
<141> 2001-03-29

<160> 255

<170> PatentIn version 3.1

<210> 1
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<220>
<223> Universal primer "mcb 398" for amplifying fragment of cytochrome
b gene of animal species

<400> 1
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b gene of animal species

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al species

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<210> 4
<211> 23
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<220>

<223> primer "AFR" for amplifying fragment of cytochrome b gene of animal species

<400> 4
tatgcaaata ggaagtatca ttc 23

<210> 5
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<213> adil.flesh

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<221> misc_feature
<223> DNA sequence generated from the confiscated skin of unknown animal origin using primers mcb398 and mcb869

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<212> DNA
<213> bhz25t

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<223> DNA sequence generated from the known tiger (Panthera tigris tigris) animal number 1 using primers mcb398 and mcb869

<400> 6
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aacaccctc cccatatcaa gcgcgaat 328

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<213> bhz26t

<220>

<221> misc_feature

<222> (1)..(328)

<223> DNA sequence generated from the known tiger (*Panthera tigris tigris*) animal number 3 using primers mcb398 and mcb869

<400> 7

tgaatctgag gaggcttctc agtagacaaa gccaccctga cacgattctt tgccttccac	60
ttcatccttc catttatcat ctccagcccta gcagcagtc acctcctatt cctccatgag	120
acaggatcta acaacccttc aggaatagta tctgactcag acaaaatccc gttccaccca	180
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaact catactactc	240
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<210> 8

<211> 328

<212> DNA

<213> bhz30t

<220>

<221> misc_feature

<223> DNA sequence generated from the known tiger (*Panthera tigris tigris*) animal number 3 using primers mcb398 and mcb869)

<400> 8

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ttcatccttc catttatcat ctccagcccta gcagcagtc acctcctatt cctccatgag	120
acaggatcta acaacccttc aggaatagta tctgactcag acaaaatccc gttccaccca	180
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaact catactactc	240
gtcctattct caccagacct attaggggac ccgataact acatccccgc caaccctcta	300
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<210> 9

<211> 328

<212> DNA

<213> bhz45t

<220>

<221> misc_feature

<223> DNA sequence generated from the known tiger (*Panthera tigris tigris*) animal number 4 using primers mcb398 and mcb869

<400> 9

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tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaact catactactc      240
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<210> 10
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<212> DNA
<213> bh56t

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<220>
<221> misc_feature
<223> DNA sequence generated from the known tiger (Panthera tigris tigr
is) animal number 5 using primers mcb398 and mcb869

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<400> 10
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acaggatcta acaaccctc aggaatagta tctgactcag acaaaatccc gttccacca      180
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaact catactactc      240
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<210> 11
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<212> DNA
<213> bh63t

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<220>
<221> misc_feature
<223> DNA sequence generated from the known tiger (Panthera tigris tigr
is) animal number 6 using primers mcb398 and mcb869

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<400> 11
tgaatctgag gaggttctc agtagacaaa gccaccctga cacgattctt tgccttcac      60
ttcatccttc catttatcat ctcagcccta gcagcagtc acctcctatt cctccatgag      120
acaggatcta acaaccctc aggaatagta tctgactcag acaaaatccc gttccacca      180
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaact catactactc      240
gtcctattct caccagacct attaggggac cccgataact acatccccgc caaccctcta      300
aacaccctc cccatatcaa gcgcgaat                                          328

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<210> 12
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 <212> DNA
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 <220>
 <221> misc_feature
 <223> DNA sequence generated from the known tiger (*Panthera tigris tigris*) animal number 1 using primers mcb398 and mcb869

<220>
 <221> misc_feature
 <223> DNA sequence generated from the known white tiger (*Panthera tigris tigris*) animal number 1 using primers mcb398 and mcb869

<400> 12
 tgaatctgag gaggttctc agtagacaaa gccaccctga cacgattctt tgccttccac 60
 ttcatccttc catTTatcat ctCagcccta gcagcagtc acctcctatt cctccatgag 120
 acaggatcta acaaccctc aggaatagta tctgactcag acaaaatccc gttccacca 180
 tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaact catactactc 240
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 aacaccctc cccatatcaa gcgcgaat 328

<210> 13
 <211> 328
 <212> DNA
 <213> bhz22wt

 <220>
 <221> misc_feature
 <223> DNA sequence generated from the known white tiger (*Panthera tigris tigris*) animal number 2 using primers mcb398 and mcb869

<400> 13
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 ttcatccttc catTTatcat ctCagcccta gcagcagtc acctcctatt cctccatgag 120
 acaggatcta acaaccctc aggaatagta tctgactcag acaaaatccc gttccacca 180
 tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaact catactactc 240
 gtcctattct caccagacct attaggggac cccgataact acatccccgc caaccctcta 300
 aacaccctc cccatatcaa gcgcgaat 328

<210> 14
 <211> 328
 <212> DNA
 <213> bhz23wt

<220>
 <221> misc_feature
 <223> DNA sequence generated from the known white tiger (*Panthera tigris tigris*) animal number 3 using primers mcb398 and mcb869

<400> 14
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 ttcatccttc catttatcat cttagcccta gcagcagtc acctcctatt cctccatgag 120
 acaggatcta acaaccctc aggaatagta tctgactcag acaaaatccc gttccaccca 180
 tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaact catactactc 240
 gtcctattct caccagacct attaggggac cccgataact acatccccgc caaccctcta 300
 aacaccctc cccatatcaa gcgcgaat 328

<210> 15
 <211> 328
 <212> DNA
 <213> bh228wt

<220>
 <221> misc_feature
 <223> DNA sequence generated from the known white tiger (*Panthera tigris tigris*) animal number 4 using primers mcb398 and mcb869

<400> 15
 tgaatctgag gaggtctctc agtagacaaa gccaccctga cacgattctt tgccttccac 60
 ttcatccttc catttatcat cttagcccta gcagcagtc acctcctatt cctccatgag 120
 acaggatcta acaaccctc aggaatagta tctgactcag acaaaatccc gttccaccca 180
 tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaact catactactc 240
 gtcctattct caccagacct attaggggac cccgataact acatccccgc caaccctcta 300
 aacaccctc cccatatcaa gcgcgaat 328

<210> 16
 <211> 328
 <212> DNA
 <213> gz1L

<220>
 <221> misc_feature
 <223> DNA sequence generated from the known leopard (*Panthera pardus*) animal number 1 using primers mcb398 and mcb869

<220>
 <221> misc_feature
 <223> DNA sequence generated from the known leopard (*Panthera pardus*) animal number 1 using primers mcb398 and mcb869

<220>
 <221> misc_feature
 <223> DNA sequence generated from the known leopared (Panthera pardus)
 animal number 1 using primers mcb398 and mcb869

<400> 16
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 ttcatccttc catttatcat ctcagctcta gcagcagtcc acctcctatt ccttcacgag 120
 acaggatcta acaaccctc aggaatagta tccgactcag acaaaattcc attccaccca 180
 tactacacaa tcaaagatat cctgggcctt ctagtactaa tcttagcact catactactc 240
 gtcctattct caccagacct gttaggagac cccgataact acatccctgc caaccctcta 300
 aatacccctc cccatatcaa gcctgaat 328

<210> 17
 <211> 328
 <212> DNA
 <213> gz2L

<220>
 <221> misc_feature
 <223> DNA sequence generatd from the known leopared (Panthera pardus) a
 nimal number 2 using primers mcb398 and mcb869

<220>
 <221> misc_feature
 <223> DNA sequence generated from the known leopared (Panthera pardus)
 animal number 2 using primers mcb398 and mcb869

<400> 17
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 ttcatccttc catttatcat ctcagctcta gcagcagtcc acctcctatt ccttcacgag 120
 acaggatcta acaaccctc aggaatagta tctgactcag acaaaattcc attccaccca 180
 tactacacaa tcaaagacat cctgggcctt ctagtactaa tcttagcact catactactc 240
 gtcctattct caccagacct gttgggagac cccgataact acatccccgc caaccctcta 300
 aatacccctc cccatatcaa gcctgaat 328

<210> 18
 <211> 328
 <212> DNA
 <213> gz3L

<220>
 <221> misc_feature
 <223> DNA sequence generatd from the known leopared (Panthera pardus) a

nimal number 3 using primers mcb398 and mcb869

<220>
<221> misc_feature
<223> DNA sequence generated from the known leopard (*Panthera pardus*)
animal number 3 using primers mcb398 and mcb869

<400> 18
tgaatctgag gaggtttctc agtagacaaa gctaccttga cacgattctt tgccttccac 60
ttcatccttc catTTatcat ctcagctcta gcagcagtcc acctcctatt ccttcacgag 120
acaggatcta acaaccctc aggaatagta tctgactcag acaaaattcc attccacca 180
tactacaaa tcaaagacat cctgggcctt ctagtactaa tcttagcact catactactc 240
gtcctattct caccagacct gttgggagac cccgataact acatccccgc caaccctcta 300
aataccctc cccatatcaa gcctgaat 328

<210> 19
<211> 327
<212> DNA
<213> gz21CL

<220>
<221> misc_feature
<223> DNA sequence generated from the known clouded leopard (*Neofelis nebulosa*) animal number 1 using primers mcb398 and mcb869

<400> 19
tgaatctgag gaggtttctc agtagacaaa gccaccctga cacgattttt cgccttccac 60
ttcatcctcc catTTatcat ctcagcctta gcagcagttc accttctatt tctccatgaa 120
aaggatccaa taaccctca ggaatggtat ccgattcaga caaaatcccg ttccaccgct 180
actatacaat caaagatatc ctaggcctcc tagttctaata tctagcgctc acactacttg 240
ttctattctc cccagaccta ctaggagacc ctgacaatta cactcccgcc aaccctctaa 300
ataccctcc ccatatcaag cctgaat 327

<210> 20
<211> 327
<212> DNA
<213> gz22CL

<220>
<221> misc_feature
<223> DNA sequence generated from the known clouded leopard (*Neofelis nebulosa*) animal number 2 using primers mcb398 and mcb869

<400> 20
tgaatctgag gaggtttctc agtagacaaa gccaccctga cacgattttt cgccttccac 60

ttcatcctcc catttatcat ctcagcctta gcagcagttc accttctatt tctccatgaa	120
aaggatccaa taaccctca ggaatggtat ccgattcaga caaaatcccg ttccaccgt	180
actatacaat caaagatatc ctaggcctcc tagttctaata tctagcgctc acactacttg	240
ttctattctc cccagaccta ctaggagacc ctgacaatta cactcccgcc aaccctctaa	300
ataccctcc ccatatcaag cctgaat	327

<210> 21
 <211> 328
 <212> DNA
 <213> darz14SL

<220>
 <221> misc_feature
 <222> (1)..(328)
 <223> DNA sequence generated from the known snow leopard (*Panthera uncia*) animal number 1 using primers mcb398 and mcb869

<400> 21	
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ttcatccttc catttatcat ctcagcccta gcagcagttc acctcctatt cctccatgag	120
acaggatcta acaaccctc aggaatagta tctgactcag aaaaaatccc gttccaccca	180
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaacact catactactc	240
gtcctattct caccagacct attaggggac gccgataact acatccccgc caaccctcta	300
aacaccctc cccatatcaa gcccgaat	328

<210> 22
 <211> 328
 <212> DNA
 <213> darz15SL

<220>
 <221> misc_feature
 <223> DNA sequence generated from the known snow leopard (*Panthera uncia*) animal number 2 using primers mcb398 and mcb869

<400> 22	
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ttcatccttc catttatcat ctcagcccta gcagcagttc acctcctatt cctccatgag	120
acaggatcta acaaccctc aggaatagta tctgactcag aaaaaatccc gttccaccca	180
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaacact catactactc	240
gtcctattct caccagacct attaggggac gccgataact acatccccgc caaccctcta	300
aacaccctc cccatatcaa gcccgaat	328

<210> 23
 <211> 328
 <212> DNA
 <213> darz16SL

 <220>
 <221> misc_feature
 <223> DNA sequence generated from the known snow leopard (*Panthera uncia*) animal number 3 using primers mcb398 and mcb869

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<400> 23
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ttcatccttc catttatcat ctgagcccta gcagcagtc acctcctatt cctccatgag      120
acaggatcta acaaccctc aggaatagta tctgactcag acaaaatccc gttccacca      180
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcttaacact catactactc      240
gtcctattct caccagacct attaggggac gccgataact acatccccgc caaccctcta      300
aacaccctc cccatatcaa gcccgaa      328
  
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<210> 24
 <211> 328
 <212> DNA
 <213> sbz22AL

 <220>
 <221> misc_feature
 <222> (1)..(328)
 <223> DNA sequence generated from the known asiatic lion (*Panthera leo persica*) animal number lusing primers mcb398 and mcb869

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<400> 24
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acaggatcta ataaccctc aggaatggta tctgactcag ataaaattcc attccatcca      180
tactatacaa tcaaagatat cctaggcctt ctagtactaa tcttaacact catactactc      240
gtcctattct caccagacct attaggagat cccgacaact atacccccgc caatcctcta      300
agcaccctc cccatatcaa acctgaat      328
  
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<210> 25
 <211> 328
 <212> DNA
 <213> sbz38AL

 <220>
 <221> misc_feature
 <223> DNA sequence generated from the known asiatic lion (*Panthera leo*)

persica) animal number 2 using primers mcb398 and mcb869

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<400> 25
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acaggatcta ataaccctc aggaatggta tctgactcag ataaaattcc attccatcca      180
tactatacaa tcaaagatat cctaggcctt ctagtactaa tcttaacact catactactc      240
gtcctattct caccagacct attaggagat cccgacaact atacccccgc caatcctcta      300
agcaccctc cccatatcaa acctgaat                                         328
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<210> 26
<211> 328
<212> DNA
<213> sbz39AL
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<220>
<221> misc_feature
<223> DNA sequence generated from the known asiatic lion (Panthera leo
persica) animal number 3 using primers mcb398 and mcb869
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acaggatcta ataaccctc aggaatggta tctgactcag ataaaattcc attccatcca      180
tactatacaa tcaaagatat cctaggcctt ctagtactaa tcttaacact catactactc      240
gtcctattct caccagacct attaggagat cccgacaact atacccccgc caatcctcta      300
agcaccctc cccatatcaa acctgaat                                         328
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<210> 27
<211> 328
<212> DNA
<213> humsk
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<220>
<221> misc_feature
<223> DNA sequence generated from the known human (Homo sapiens sapiens)
using primers mcb398 and mcb869
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<220>
<221> misc_feature
<223> DNA sequence generated from the known human (Homo sapiens sapiens
) using primers mcb398 and mcb869
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<220>
<221> misc_feature
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<223> DNA sequence generated from the known human (Homo sapiens sapiens)
) using primers mcb398 and mcb869

<400> 27
tgaatctgag gaggtactc agtagacagt cccacctca cagattctt tacctttcac 60
ttcatcttgc ccttcattat tgcagcccta gcagactcc acctcctatt cttgcacgaa 120
acgggatcaa acaaccccct aggaatcacc tccattccg ataaaatcat cttccaccct 180
tactacacaa tcaaagacgc cctcggctta cttctcttcc ttctctcctt aatgacatta 240
aactattct caccagacct cctaggcgac ccagacaatt ataccctagc caaccctta 300
aacacccctc cccacatcaa gcccgat 328

<210> 28
<211> 328
<212> DNA
<213> chimss

<220>
<221> misc_feature
<223> DNA sequence gerated from the known chimpanzee (pan troglodytes)
animal using primers mcb398 and mcb869

<220>
<221> misc_feature
<223> DNA sequence generated from the known chimpanzee (pan troglodytes)
) animal using primers mcb398 and mcb869

<220>
<221> misc_feature
<223> DNA sequence generated from the known chimpanzee (pan troglodytes)
) animal using primers mcb398 and mcb869

<400> 28
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acaggatcaa ataaccccct gggaatcacc tccactccg acaaaattac cttccacccc 180
tactacacaa tcaaagatat ccttggtta ttcttttcc tccttatect aatgacatta 240
aactattct caccagacct cctggcgat ccagacaact ataccctagc taacccccta 300
aacacccac cccacattaa acccgat 328

<210> 29
<211> 472
<212> DNA
<213> Cervus nippon centralis

<400> 29

taccatgagg acaaatatca ttctgaggag caacagtcac taccaacctc ctctcagcaa	60
ttccatatat tggcacaaac ctagtcgaat ggatctgagg gggctttctca gtagataaag	120
caaccctaac ccgatttttc gctttccact ttattcttcc atttatcatc gcagcacttg	180
ctatagtaca cttactcttc cttcacgaga caggatccaa caaccaca ggaatcccat	240
cggacgcaga caaaatcccc ttccatcctt actacaccat taaagatatc ttaggcacac	300
tacttctagt actcttccta atattactag tattattcgc accagacctg cttggagatc	360
cagacaacta taccacagca aatccactca acacaccccc tcacatcaaa cctgaatgat	420
acttcctatt tgcatacgca atcctacgat caattcccaa caaactagga gg	472

<210> 30
 <211> 472
 <212> DNA
 <213> Cervus nippon yesoensis

taccatgagg acaaatatca ttctgaggag caacagtcac taccaacctc ctctcagcaa	60
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caaccctaac ccgatttttc gctttccact ttattcttcc atttatcatc gcagcacttg	180
ctatagtaca cttactcttc cttcacgaga caggatccaa caaccaca ggaatcccat	240
cggacgcaga caaaatcccc ttccatcctt actacaccat taaagatatc ttaggcacac	300
tacttctagt actcttccta atattactag tattattcgc accagacctg cttggagatc	360
cagacaacta taccacagca aatccactca acacaccccc tcacatcaaa cctgaatgat	420
acttcctatt tgcatacgca atcctacgat caattcccaa caaactagga gg	472

<210> 31
 <211> 472
 <212> DNA
 <213> Cervus nippon keramae

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caaccctaac ccgatttttc gccttccact ttattcttcc atttatcatc acagcactcg	180
ctatagtaca cttactcttc cttcacgaga caggatccaa caaccaca ggaatcccat	240
cggacgcaga caaaatcccc ttccatcctt actataccat taaagatatc ctaggcacac	300
tacttctagt actcttcctg atattactag tattattcgc accagacctg cttggagatc	360
cagacaacta caccacagca aatccgctca acacaccccc tcacatcaaa cctgaatgat	420
atttcctatt tgcatacgca atcctacgat caattcccaa caaactagga gg	472

<210> 32
 <211> 472
 <212> DNA
 <213> Cervus nippon pulchellus

<400> 32
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 caaccctaac ccgatttttc gccttccact ttattcttcc atttatcatc acagcactcg 180
 ctatagtaca cttactcttc cttcacgaga caggatccaa caaccaca ggaatcccat 240
 cggacgcaga caaaatcccc ttccatcctt actataccat taaagatata ctaggcacat 300
 tacttctagt actcttcttg atattactag tattattcgc accagacctg cttggagatc 360
 cagacaacta caccacgaga aatccgctca acacaccccc tcacatcaaa cctgaatgat 420
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<210> 33
 <211> 472
 <212> DNA
 <213> Cervus nippon nippon

<400> 33
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 caaccctaac ccgatttttc gccttccact ttattcttcc atttatcatc acagcactcg 180
 ctatagtaca cttactcttc cttcacgaga caggatccaa caaccaca ggaatcccat 240
 cggacgcaga caaaatcccc ttccatcctt actataccat taaagatata ctaggcacat 300
 tacttctagt actcttcttg atattactag tattattcgc accagacctg cttggagatc 360
 cagacaacta caccacgaga aatccgctca acacaccccc tcacatcaaa cctgaatgat 420
 atttcctatt tgcatacgca atcctacgat caattcccaa caaactagga gg 472

<210> 34
 <211> 472
 <212> DNA
 <213> Cervus elaphus scoticus

<400> 34
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 caaccctaac ccgatttttc gctttccact ttattctccc atttatcatc gcagcactcg 180
 ctatagtaca cttactcttc cttcacgaaa caggatctaa taaccaca ggaattccat 240

cagacgcaga caaaatcccc ttctatcctt attataccat taaagatatc ttaggcatct	300
tactttcttgt actctttctta atattactag tattattcgc accagacctt cttggagatc	360
cagataacta caccocagca aaccactca acacaccccc tcatattaaa cctgaatgat	420
atttcctatt tgcatacgca atcctacgat caattcccaa caaactagga gg	472

<210> 35
 <211> 472
 <212> DNA
 <213> Cervus dama

<400> 35	
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caaccttaac tggattcttc gctttccact ttattctacc attcatcatt gcggcacttg	180
ctatagtaca ttactcttt cttcacgaga caggatccaa taaccaaca ggaatcccat	240
cagatgtaga taaaattccc ttctatccct actacaccat taaagatatt ttaggcatcc	300
tatttcctatt tctcttctta ataacactag tactatttgc accagacttg cttggagacc	360
cagacaaata cactccagca aatccactca acacacctcc tcatattaaa cccgaatgat	420
acttcctatt tgcatacgca atcctacgat caattcccaa taaattagga gg	472

<210> 36
 <211> 472
 <212> DNA
 <213> Rangifer tarandus

<400> 36	
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caaccctaac cggatttttt gcttttccact ttattcttcc atttattatc gcagcactcg	180
ctatagtcca ttgcttttcc cttcacgaaa cagggtctaa caatccaaca ggaattccat	240
cagactcaga taaaattcca ttccatccct attatactat caaagacatt ctaggcatcc	300
tactcctaatt tctcttccct atactactag tattatttgc accagactta ctaggagacc	360
cagacaacta taccocagca aaccactca acactccccc tcatattaaa cctgaatgat	420
actttctatt cgcatacgca atcctacgat caattccaaa taaactagga gg	472

<210> 37
 <211> 472
 <212> DNA
 <213> Moschus fuscus

<400> 37
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 caaactcac tcgattcttt gcctttcact tcattctccc atttatcatc gcagcactcg 180
 ctatgggttca cctactcttt ctccacgaaa caggatccaa caacccaaca ggaatcacat 240
 cagatataga caaaatccca ttccaccct actacaccat caaagacatt ctaggtgtcc 300
 tattactaat cttagtctta ataactag tactattcac acctgattta cttggagacc 360
 cggacaatta taccacgca aaccattaa atacgcccc acatattaaa cccgaatgat 420
 atttcctatt tgcatatgcc attctacgat caattcccaa caaactagga gg 472

<210> 38
 <211> 472
 <212> DNA
 <213> Moschus leucogaster

<400> 38
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 caaactcac ccgattcttt gccttcact tcattctccc atttatcatc gcagcactcg 180
 ctatgggttca cctactcttt ctccacgaaa caggatccaa caacccaaca ggaatcacat 240
 cagatataga caaaatccca ttccaccct actacaccat caaagacatt ctaggtgtcc 300
 tattactaat cttagtctta ataactag tactattcac acctgattta cttggagacc 360
 cggacaatta taccacgca aaccattaa atacaccccc acatattaaa cccgaatgat 420
 atttcctatt tgcatatgcc attctacgat caattcccaa caaactagga gg 472

<210> 39
 <211> 472
 <212> DNA
 <213> Moschus chrysogaster

<400> 39
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 caaactcac tcgattcttt gccttcact tcattctccc atttatcatc gcagcactcg 180
 ctatgggttca cctactcttt ctccacgaaa caggatccaa caacccaaca ggaatcacat 240
 cagacataga caaaatccca ttccaccct actacaccat caaagacatt ctaggtgtcc 300
 tattactaat cctagtctta ataactag tactattcac acctgattta cttggagacc 360
 cggacaatta taccacggca aaccattaa atacgcccc acatattaaa cccgaatgat 420

acttcctatt tgcatatgcc atcctacgat caattcccaa caaactagga gg 472

<210> 40
 <211> 472
 <212> DNA
 <213> Moschus berezovskii

<400> 40
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 caacactcac ccgattcttt gccttccact tcctcctccc atttatcatc gcagcactcg 180
 ctatggttca cctactcttt ctccacgaaa caggatccaa caacccaaca ggaatcatat 240
 cagacataga caaaatccca ttccaccct actacactat caaagacatt ctaggtgtcc 300
 taatactaata cttagtctta atagtactag tactattcac acccgattta cttggagacc 360
 cggacaatta taccacagca aaccattaa acacaccacc acatattaaa cccgaatgat 420
 acttcctatt tgcatatgcc attctacgat caattcccaa caaactagga gg 472

<210> 41
 <211> 472
 <212> DNA
 <213> Moschus moschiferus

<400> 41
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 caacactcac ccgattcttt gcctttcact ttatcctccc atttatcatt gcagcactcg 180
 ccatggttca tctactcttt ctccatgaaa caggatccaa taacccaaca ggaatcacat 240
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 tattactaat cttaatctta atagcactag tgctatttac acccgacctt cttggagatc 360
 cggacaacta tactccagca aaccattaa atacacctcc acatattaaa cccgaatggt 420
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<210> 42
 <211> 472
 <212> DNA
 <213> Kobus ellipsiprymnus

<400> 42
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 caacccttac ccgcttcttc gccttccact ttattctccc atttatcatc gcggctatta 180

ccatagtcca tcttctgttt ctccatgaaa caggatccaa taatcccaca ggaatctcat 240
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tactactaat cctagtccta atactcctag ttctattcgc ccccgaccta cttggagatc 360
ctgacaacta tgccccagca aaccactta acacgcccct cacaattaaa cctgaatgat 420
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<210> 43
<211> 472
<212> DNA
<213> Kobus megaceros

<400> 43
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caacccttac ccgcttcttc gccttccact ttatcctccc atttatcatc gcagctatcg 180
ctatagttca cctactattc cttcatgaaa caggatctaa caaccctaca gggatttcat 240
cagacacaga caaaatccca ttccaccat attataccat caaagatatt ctagggtccc 300
tcctattaat cctaatacta atactcctag tactatttgc ccccgaccta cttggagacc 360
ctgacaatta taccacagca aaccactta atacacctcc ccatattaaa cccgaatgat 420
atttcttatt cgcatacgca attttacggt caattcctaa taaactggga gg 472

<210> 44
<211> 472
<212> DNA
<213> Redunca arundinum

<400> 44
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caacccttac ccgattcttc gccttccact ttatcctccc attcattatc acagccctcg 180
ctatagtaca cctactattc ctccacgaaa caggatccaa caaccctaca ggaatctcat 240
cagatgtaga caaaatccca ttcatccat actatactat caaggacgtc ctaggcgccc 300
tactgctaata cctagtccta atgctcttag tattattcac ccctgaccta ctcggagatc 360
ccgacaatta tactccagca aatccactca acacaccccc tcatattaaa cccgaatgat 420
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<210> 45
<211> 472
<212> DNA
<213> Redunca fulvorufula

<220>
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 <222> (269)..(269)
 <223> unknown

<220>
 <221> misc_feature
 <222> (431)..(431)
 <223> unknown

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 ctatagtcca cttactattc ctccatgaaa caggatccaa caaccccaca ggggtttcat 240
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 tactactaat cctggcccta acactattag tactattcac cctgaccta ctcgagagacc 360
 cggacaatta caccocagca aaccactca acacaccccc tcacatcaaa ccagaatggt 420
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<210> 46
 <211> 472
 <212> DNA
 <213> Neotragus moschatus

<400> 46
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 caaccctcac cggatttttt gccttccact tcattctccc atttatcatc gcagcactcg 180
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 cagacgcaga caaaatccca ttccaccct actacacccat taaagacatt ctaggcgcca 300
 tctactaat tctagtcta acactcttag ttttatttgc acctgacctt ttaggagacc 360
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<210> 47
 <211> 472
 <212> DNA
 <213> Pelea capreolus

<400> 47
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ccatagtaca	cttgcttttt	cttcatgaaa	caggatctaa	taaccccacg	ggaattccat	240
ccgacataga	caaaattcca	ttccacccat	actacaccat	taaagatatt	ctaggcgcct	300
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ctgacaatta	cacccctgca	aaccgcctca	acacaccccc	tcatatcaaa	cccgaatgat	420
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<210> 48
 <211> 472
 <212> DNA
 <213> Antilope cervicapra

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caacccttac	ccgatttttc gccttccact ttatcctccc atttatcatt gcagccctta 180
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cagacgcaga	caaaattcca ttccaccct actacactat caaagatatt ctaggagctc 300
tactattaat	tttaaccctc atgcttctag tcctattctc accggacctg cttggagacc 360
cagacaacta	tacaccagca aaccactta atacaccccc acatatcaag cccgaatgat 420
acttcctatt	tgcatacgca atcctccgat caattcctaa caaactagga gg 472

<210> 49
 <211> 472
 <212> DNA
 <213> Saiga tatarica

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tactacttat	tctaatacctc atacttctag tcctattttc accagacctg cttggagacc 360
cagacaacta	cacccagca aaccactta acacaccccc acatattaaa cccgaatgat 420
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<210> 50
 <211> 472
 <212> DNA
 <213> Gazella dama

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<210> 51
 <211> 472
 <212> DNA
 <213> Ourebia ourebi

<400> 51
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<210> 52
 <211> 472
 <212> DNA
 <213> Gazela gazella

<400> 52
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 caaacctcac ccgattcttt gcttttccact ttatcctccc attcatcatt gcagccctcg 180
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cagacgcaga	caaaatccca	tttcacccct	actacaccat	caaggacatt	ctaggagcac	300
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cagacaacta	tacaccagca	aatccactca	acacaccccc	acacatcaaa	cctgaatggt	420
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<210> 53
 <211> 472
 <212> DNA
 <213> *Raphicerus melanotis*

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tggcaciaaac	
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ggatctgagg	
aggattttca	
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accagaccta	
ctcggagacc	
cagacaacta	420
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aacccactca	
acacaccccc	
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cgcatatgca	
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caattcccaa	
taaattagga	
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<210> 54
 <211> 472
 <212> DNA
 <213> *Madoqua kirkii*

<400> 54	
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ttagttgaat	
gaatctgagg	
gggctttctca	
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caaccctcac	180
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gccttccatt	
ttattctccc	
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gcagccctag	
ccatggttca	240
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cgcatatgca	
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caatccctaa	
caaactaggg	
gg	

<210> 55
 <211> 472
 <212> DNA
 <213> *Antilocapra americana*

<400> 55

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caaccctcac	ccgattcttc	gcattccact	ttatcctccc	attcatcatt	gcagcactag	180
ccatagtaca	cttactattc	ctccacgaaa	caggatccaa	caaccccaca	ggaatcccat	240
cagacgcaga	caaaatcccc	ttccacccat	actacaccat	caaagacatt	ctaggagcac	300
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ccgacaacta	cacaccagct	aaccactca	acactcccc	acacattaag	ccagaatgat	420
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<210> 56
 <211> 472
 <212> DNA
 <213> *Tragulus javanicus*

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caacccttac	acgattcttt	gccttccact	ttatccttcc	atttatcatt	acagccctag	180
tcctagtcca	ccttttattt	ctccacgaaa	caggatctaa	taaccccaca	ggaatcccct	240
cagacgcaga	caaaatcccc	ttccacccat	actacactat	taaagacatt	ctagggggtc	300
tagccctatt	tctagcccta	atactactag	tcctattctc	acccgacctc	cttgggagacc	360
cagataacta	cacccccgcc	aacccccctta	acacaccacc	ccatatcaaa	cccgaatgat	420
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<210> 57
 <211> 472
 <212> DNA
 <213> *Tragulus napu*

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caacccttac	acgatttttt	gccttccact	tcctcctccc	atttgtcatt	acagccctag	180
ccctagtcca	tcttttattt	ctccacgaga	caggatcaaa	taaccccaca	ggaatcccct	240
cagacgcaga	caagatcccc	ttccacccat	actacaccat	caaagatgtc	ctagggggtc	300
tagtccta	actagtcctt	ctattactag	tcctattttc	accggacttg	ttgggagacc	360
ccgacaatta	cactccggca	aacccccctca	acacaccacc	tcatatattaag	ccagagtggg	420
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<210> 58
 <211> 472
 <212> DNA
 <213> Balaenoptera acutorostrata

<400> 58
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 caacattaac acgctttttt gccttccact tcatcctccc ttttattatc ctagcattag 180
 caattgtcca cctcatthttc ctccacgaaa caggatccaa taacccca ggtatcccat 240
 ctgacataga caaaatccca ttccaccct actacacaat caaagacatt ctaggcgccc 300
 tactactaat tctaacccta ctagcactaa ccctattcgc accggacctg cttggagacc 360
 ccgacaacta taccacagca aaccactca gtacccagc acacattaaa ccagaatgat 420
 acttctatt cgcatacgca atcctacgat caatccctaa taaactaggc gg 472

<210> 59
 <211> 472
 <212> DNA
 <213> Balaenoptera bonaerensis

<400> 59
 taccctgagg acaaatatca ttttgaggcg caaccgtcat caccaacctc ctatcagcaa 60
 tcccatatcat tgggtaccacc ttagttgaat gaatctgagg tggcttctct gtagacaaag 120
 caacattaac acgctttttt gccttccact tcatcctccc tttcattatc ctagcattag 180
 caattgtcca cctcatthttc ctccgcaaaa caggatccaa taacccca ggtattccat 240
 ctgatataga caaaatccca ttccaccct attacacaat caaagacatt ctaggcgccc 300
 tactactaat tctaacccta ctaacactaa ccctattcgc acccgacctg ctcggagacc 360
 ccgacaacta caccacagca aaccactca gtacccagc acacattaaa ccagaatgat 420
 attttctatt cgcatacgca atcctacgat caatcccaa taaactaggc gg 472

<210> 60
 <211> 472
 <212> DNA
 <213> Balaenoptera borealis

<400> 60
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 tcccatatcat tgggtactacc ctagtcgaat ggatctgagg cggtttctct gtagataaag 120
 caacactaac acgctttttt gccttccact tcattctccc cttcattatt ctagcactag 180
 caatgggtcca cctcatthttc ctccatgaaa caggatccaa caacccca ggtattccat 240

ccgacataga caaaatccca ttccaccctt actacacagt taaagacatt ctaggcgccc	300
tactactaat cctaacccta ctaatactaa ccctattcgc acccgacctg cttggagacc	360
cagacaacta cccccagca aatccactca gtaccccagc acacattaaa ccagaatgat	420
atttcctatt tgcatacgca atcctacgat caatccccaa caaattaggc gg	472

<210> 61
 <211> 472
 <212> DNA
 <213> Balaenoptera edeni

<400> 61	
taccctgagg acaaatatca ttttgaggcg caaccgtcat caccaacctc ttatcagcaa	60
tcccatacat tggctactacc ctagtccaat gaatctgggg cggtttctct gtagataaag	120
caacactaac acgctttttt gccttccact ttatcctccc cttcattatt ctagcactag	180
caatggtcca cctcattttc ctccacgaaa caggatccaa taaccccaca ggtattccat	240
ccaacataga caaaatccca ttccaccctt attacacaac taaagacatt ctaggcgccc	300
tactactaat cctaacccta ctaatgctaa ccctattcgt acccgacctg cttggagacc	360
cagacaacta cactccagca aatccactca gtaccccac acacattaaa ccagaatgat	420
atttcctatt tgcatacgca atcctacgat caattcccaa caaattaggc gg	472

<210> 62
 <211> 472
 <212> DNA
 <213> Eschrichtius robustus

<400> 62	
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tcccatacat tggcactacc ctagtccaat gggctctgagg cggtttttct gtagataaag	120
caacactaac acgcttcttt gccttccact tcctccttcc attcattatc ctagcactag	180
caattgtcca cctcattttc ctccacgaaa cgggatccaa caaccccaca ggcattccat	240
ccaacataga caatatccca ttccaccctt attacacaat taaagacata ctaggcgccc	300
tgctactaat cctaacccta ctaatactaa ccctattcgc acccgacctg ctcggagacc	360
cagacaacta taccacagca aacccactca gcaccccac acatattaaa ccagagtgat	420
atttcctatt tgcatacgca atcctacgat cgatccccaa caaattaggc gg	472

<210> 63
 <211> 472
 <212> DNA
 <213> Balaenoptera musculus

<400> 63
 tgccctgagg acaaatatca ttctgaggcg caaccgtcat caccaacctc ctatcagcaa 60
 tcccatacat tgggtactacc ctagtctgaat gaatctgagg cggtttttct gtggataaag 120
 caacactaac acgctttcttt gcctttccact tcattctccc cttcatcatt atagcattag 180
 caatcgtcca cctcatcttc cttcacgaaa caggatccaa caaccccaca ggtatcccat 240
 ctgacataga taaaattcca ttccaccctt actacacaat taaagacatt ctaggcgccc 300
 tactactaat cctaacccta ctaatatata ctctatttgc acccgactta ctcggagacc 360
 cagacaacta caccocagca aaccactca gtaccccagc acacattaaa ccagagtgat 420
 atttcctatt tgcatatgca atcctacgat caatcccca caaattaggc gg 472

<210> 64
 <211> 472
 <212> DNA
 <213> Megaptera novaeangliae

<400> 64
 taccctgagg acaaatatca ttctgaggcg caaccgtcat caccaacctt ctatcagcaa 60
 tcccatacat tgggtactacc ctagtctgaat gaatctgggg cggtttttcc gtagacaaag 120
 caacactaac acgtttcttt gctttccact tcattctccc cttcatcatt acagcattag 180
 caatcgtcca cctcatcttc ctccacgaaa caggatccaa caaccccaca ggcattcccat 240
 ccaacataga caaaatccca ttccaccctt actacacaat caaagacact ctaggcgccc 300
 tattactaat cctaacccta ctaatgttaa ccctatttgc acctgacctg cttggagacc 360
 cagataacta caccocagca aaccactca gtaccccagc acacattaaa ccagagtgat 420
 atttcctatt tgcatatgca atcctacgat caatcccca caaactaggc gg 472

<210> 65
 <211> 472
 <212> DNA
 <213> Balaenoptera physalus

<400> 65
 tgccctgagg acaaatatca ttctgaggcg caactgtaat cactaacctc ctatcagcaa 60
 tcccatacat tgggtaccacc ctagtctgaat gaatctgagg cggtttctct gtagataaag 120
 caacactaac acgctttttt gcctttccact ttattctccc cttcatcatt cttagcattag 180
 caattgtcca ccttattttt cttcacgaaa caggatccaa caaccccaca ggcattcccat 240
 ccgacataga taaaatccca ttccaccctt accacacaat taaagacatt ctagggtccc 300
 tattactaat cctaacccta ctaatactaa ccctatttgc acccgacctt cttggagacc 360
 cagacaacta taccocagca aaccactca gtaccccagc acacattaaa ccagaatggg 420

atattctatt cgcatacgca atcctacgat caatcccca caaactaggc gg 472

<210> 66
 <211> 472
 <212> DNA
 <213> Caperea marginata

<400> 66
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 tcccatatat tggtaccacc ctagttgaat gaatctgggg tggtttctcc gtagacaaag 120
 cgacactaac tcgcttcttt gctttccact tcctcctccc ttctattatt ctacgcctag 180
 cagctgttca tctccttttc ctccacgaaa caggatctaa caaccccaca ggcatcccat 240
 ccaacataga caaaattcca ttccaccctt actacacaat taaagacatc ctgggcgtcc 300
 tactactaat cctgacccta ctaatatata ccttatttac acctgacctg cttggagacc 360
 ctgacaacta caccacgca aatccctca gcacccacgc acacatcaag ccagaatgat 420
 acttcctatt tgcatatgca atcctacgat caattcctaa taaattaggt gg 472

<210> 67
 <211> 472
 <212> DNA
 <213> Cephalorhynchus commersonii

<400> 67
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 tcccctacat cgggtactacc ttagtagaat gaatctgagg cggattttcc gtagacaaag 120
 caacactaac acgctttttc gccttccact ttatcctccc attcatcatc acagcattag 180
 cagcgtcca cctactattc ctacacgaaa caggatccaa caaccccaca ggaatcccat 240
 ccaacataga cataatccca ttccaccctt attacacaat taaagacatc ctaggcgtt 300
 tattcctaata cctaacccta ctagcattaa ccctatttgc ccccgacctc ctaggagacc 360
 ctgataacta taccacgca aatccattaa gcaccccgcc acacatcaaa ccagagtgat 420
 acttcctatt cgcatacgca atcctacgat caattcccaa taaacttgga gg 472

<210> 68
 <211> 472
 <212> DNA
 <213> Cephalorhynchus eutropia

<400> 68
 taccctgggg acagatatca ttttgagggtg caacagtcac caccaacctc ctatcagcaa 60
 tcccctacat cgggtactacc ttagtagaat gaatctgagg cggattttcc gtagacaaag 120
 caacactaac acgctttttc gccttccact ttatcctccc attcatcatc acagcattag 180

cagccgtcca cctactattc ctacacgaaa caggatccaa caaccccaca ggaatcccat	240
ccaacataga cataatccca ttccaccctt attacacaat taaagacatc ctaggcgctt	300
tattcctaata cctaacccta ctagcactaa ccctattcgc cctgaccta ctaggagacc	360
ctgataacta taccacagca aatccattaa gcacccccgc acacatcaaa ccagaatgat	420
acttcctatt cgcatatgca atcctacgat caattcctaa taaacttgga gg	472

<210> 69
 <211> 472
 <212> DNA
 <213> Lagenorhynchus obliquidens

<400> 69	
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tcccctacat cgggtactacc ttagtagaat gaatctgagg cggattttcc gtagacaaag	120
caacactaac acgcttttttc gctttccact ttatcctccc attcatcatc acagcattag	180
cagccgtcca cctactattc ctacacgaaa caggatccaa caaccccaca ggaatcccat	240
ccaacataga cataatccca ttccaccctt attacacaat taaagacatc ctaggcgctt	300
tattcctaata tctaacccta ctagcactaa ccctattcac cctgaccta ctaggagacc	360
ctgataacta taccacagca aatccattaa gcacccccgc acacatcaaa ccagaatggt	420
acttcctatt cgcatatgca atcctacgat caattcctaa taaacttgga gg	472

<210> 70
 <211> 472
 <212> DNA
 <213> Cephalorhynchus heavisidii

<400> 70	
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tcccctacat cgggtactacc ttagtagaat gaatctgagg cggattttcc gtggacaaag	120
caacactaac acgcttttttc gccttcact ttatcctccc attcatcatc acagcattag	180
cagccgtcca tctactattc ctacacgaaa caggatccaa caaccccaca ggaatcccat	240
ccaacataga cataatccca ttccaccctt attacacaat taaagacatc ctaggcgctt	300
tattcctaata tctagcccta ctagcactaa ccctattcgc cctgaccta ctgggagacc	360
ctgataacta taccacagca aatccattaa gcacccccgc acacatcaaa ccagaatgat	420
acttcctatt cgcatatgca atcctacgat caatccctaa taaacttgga gg	472

<210> 71
 <211> 472
 <212> DNA
 <213> cephalorhynchus hectori

<400> 71
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tcccctacat cggcactacc ttagtagaat gaatctgagg aggattttcc gtagacaaag 120
caacactaac acgctttttc gcctttcact ttatcctccc attcatcatc acagcattaa 180
cagccgtcca cctactatct ctacacgaaa caggatccaa caaccccaca ggaattccat 240
ccaacataga cataatccca ttccaccctt attacacaat taaagacatc ttaggcgctt 300
tattcctaatt tctaactcta ctagcactaa ccctattcgc ccctgacctt ctaggagacc 360
ctgataacta taccacagca aatccattaa acacccccgc acacatcaaa ccagaatgat 420
atttcctatt cgcataatgca atcctacgat caattcctaa taaacttgga gg 472

<210> 72
<211> 472
<212> DNA
<213> *Lagenorhynchus australis*

<400> 72
taccctgagg acagatatca ttttgaggtg caacagtcac caccaacctc ctatcagcaa 60
tcccctacat cggctactacc ttagtagaat gaatctgagg cggattttcc gtagataaag 120
caacactaac acgctttttc gctttccact ttatcctccc attcatcatc acagcattag 180
cagccgtcca cttactatct ttacacgaaa caggatccaa caaccccaca ggaatcccat 240
ccaacataga cataatccca ttccaccctt actacacaa taaagacatc ctaggcgctt 300
tattcctaatt tctagcccta ctagcactaa ccctattcac ccctgacctt ctaggagacc 360
ctgacaacta taccacagca aatccattaa gcacccccgc acacatcaaa ccagaatgat 420
atttcctatt cgcataatgca atcctacgat caattcctaa taaactcgga gg 472

<210> 73
<211> 472
<212> DNA
<213> *Lagenorhynchus cruciger*

<400> 73
taccctgagg acagatatca ttttgaggtg caacagtcac caccaacctc ctatcagcaa 60
tcccctacat cggctactacc ttagtagaat gaatctgagg cggattttcc gtagacaaag 120
caacactaac acgctttttc gctttccact tcatcctccc attcatcatc acagcattag 180
cagccgtcca cctgtatctt ctacacgaaa caggatccaa caaccccaca ggaatcccat 240
ccaacataga cataatccca ttccaccctt actacacaat taaagacatc ctaggcgctt 300
tattcctaatt cctaacccta ctagcactaa ccctgttcac ccctgacctt ctaggagacc 360
ctgacaacta taccacagca aatccattaa gcacccccgc acacatcaaa ccagaatgat 420

atttcctatt cgcatatgca atcctacgat caattcctaa taaactcgga gg 472

<210> 74
 <211> 472
 <212> DNA
 <213> Lagenorhynchus obscurus

<400> 74
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 tcccctacat tgggtactacc ttagtagaat gaatctgagg cggattttcc gtagacaaag 120
 caacactaac acgctttttc gctttccact ttatcctccc attcatcatc acagcattag 180
 cagccgtcca cctactattc ctacacgaaa cagaatccaa caacccccaca ggaatcccat 240
 ccaacataga cataatccca ttccaccctt attacacaat taaagacatc ctaggtgctt 300
 tattcctaata tctagcccta ctaacactaa ccttattcac ccccgaccta ctaggagacc 360
 ctgataacta taccacagca aatccattaa gcacccacgc acacatcaaa ccagaatgat 420
 atttcctatt cgcatatgca atcctacgat caattcctaa taaacttgga gg 472

<210> 75
 <211> 472
 <212> DNA
 <213> Lissodelphis borealis

<400> 75
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 tcccctacat cgggtactacc ttagtagaat gaatctgagg cggattttcc gtagacaaag 120
 caacactaac acgctttttc gctttccact ttatcctccc attcatcatc acagcattag 180
 cagctgttca cctactattc ctacacgaaa caggatccaa caacccccaca ggaattccat 240
 ccaacataga cataatccca ttccaccctt attacacaat taaagacatc ctgggctgctt 300
 tattcttaata tctggcccta ctagcactaa ccctattcac cctgaccta ttaggagacc 360
 ctgataacta caccacagca aatccattaa gcacccctgc acacatcaaa ccagaatggt 420
 atttcctatt tgcatacgca atcctacgat caattcctaa taaacttgga gg 472

<210> 76
 <211> 472
 <212> DNA
 <213> Lissodelphis peronii

<400> 76
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 tcccctacat cgggtactacc ttagtagaat gaatctgagg cggattttcc gtagacaaag 120
 caacactaac acgctttttc gctttccact ttatcctccc attcatcatc acagcattag 180

cagctgttca cctactgttc ctacacgaga caggatccaa taaccccaca ggaattccat	240
ccaacataga cataatccca ttccaccctt attacacaat taaagacatc ctgggcgctt	300
tattcttaat tctgacccta ctagcactaa ccctatttac ccctgacctg ttaggagatc	360
ctgataacta caccocagca aatccattaa gcaccctgc acacatcaaa ccagaatggt	420
actttctatt cgcatacgca atcctacgat caattcctaa taaacttgga gg	472

<210> 77
 <211> 472
 <212> DNA
 <213> Globicephala macrorhynchus

<400> 77	
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caacactaac acgttttttc gctttccact ttatcctccc attcatcatc acagcattag	180
tagctgtcca cctgctattc ctacacgaaa caggatccaa taaccccata ggaatcccat	240
ccaacataga cataattcca ttccaccctt attatacaat taaagacatc ctaggcgccc	300
tactcttaat cctagcacta ctaacactaa ccctattcac ccctgacctg ctaggagacc	360
ctgataacta tactccagca aatccactaa gcaccctgc acacatcaaa ccagaatgat	420
atttcctatt cgcatatgca atcttacgat caattcccaa taaacttgga gg	472

<210> 78
 <211> 472
 <212> DNA
 <213> Globicephala melas

<400> 78	
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tcccttacat cggcactacc ttagtagaat gaatctgagg tggattttcc gtagacaaaag	120
caacactaac acgttttttc gctttccact ttatcctccc attcatcatc acaacattag	180
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ccaacataga cataattcca ttccaccctt attatacaat taaagatatc ctaggcgccc	300
tactcttaat cctagcacta ctaacactaa ccctattcac ccctgacctg ctaggagacc	360
ctgataacta tactccagca aacccactaa gcaccctgc acacatcaaa ccagaatgat	420
atttcctatt cgcatatgca atcttacgat caattcccaa taaacttgga gg	472

<210> 79
 <211> 472
 <212> DNA

<213> *Feresa attenuata*

<400> 79

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tcccttacat cggcaccact ttagtagaat gaatctgagg tggattttcc gtagacaaag      120
caacactaac acgttttttc gctttccact ttatcctccc attcatcatc acagcattag      180
tagctgttca cctgctattc ctacacgaaa caggatccaa taaccccaca ggaatcccat      240
ccaacataga cataattcca ttccaccctt attatacaac taaagatatc ctaggtgccc      300
tactcttaat tctaacatta ctaacactaa ccctgttcac ccctgaccta ctaggagacc      360
ctgataacta tactccagca aaccactaa gcaccctgc acacatcaaa ccagagtgat      420
atttcctatt cgcgtatgca atcttacgat caattcctaa taaacttgga gg              472
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<210> 80

<211> 472

<212> DNA

<213> *Peponocephala electra*

<400> 80

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tcccttacat cggaaccacc ttagtagaat gaatctgagg tggattttcc gtagacaaag      120
caacactaac acgttttttc gctttccact tcatcctccc attcatcatc acagcattgg      180
tagctgtcca cctgctattc ctacacgaaa caggatccaa taaccctaca ggaatcccat      240
ccaacataga cataattcca ttccaccctt attatacaat taaagacatc ctaggcgctc      300
tactcttaat cttagcacta ctaacactaa ccctattcac ccctgaccta ctaggagacc      360
ctaacaacta taccacagca aaccactaa gcaccctgc acacatcaaa ccagaatgat      420
atttcctatt cgcataatgca atcttacgat caattcccaa taaacttgga gg              472
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<210> 81

<211> 472

<212> DNA

<213> *Grampus griseus*

<400> 81

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tcccctacat cggctactact ttagtagaat gaatctgagg tggattttcc gtagacaaag      120
caacactaac acgctttttc gctttccact ttatcctccc attcatcatc acagcattag      180
tagctgttca cctgctattc ctacacgaga caggatccaa taaccccaca ggaatcccat      240
ccaacataga cataattcca ttccaccctt attacacaat taaagacatc ctaggcgccc      300
tactcctaact cctaactacta ctaacactaa ccctattcac ccctgaccta ctaggagacc      360
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ctgataacta cactccagca aaccgcgttaa gcaccctgc acacatcaaa ccagaatgat 420
 atttcctatt cgcatatgca atcttgcat caattcccaa caaacttgga gg 472

<210> 82
 <211> 472
 <212> DNA
 <213> *Pseudorca crassidens*

<400> 82
 taccctgagg acagatatca ttctgaggcg caaccgtcat caccaatctt ctatcagcaa 60
 tcccctacat cggtagcact ttagtagaat gaatctgagg aggattttcc gtagacaaag 120
 caacactaac acgttttttc actctccact ttatcctccc attcatcatt acagcactaa 180
 cagctacca cctactattc ctacacgaga ctggatccaa taacccaca ggaatcccat 240
 ccaacataga cataattcca ttccaccctt attacacaat taaagatatc ctaggcgccc 300
 tactcttaat tctaactacta ctaactactaa ccctattcac ccccgaccta ctaggagacc 360
 ctgataacta tattccagca aaccactaa acaccctgc acacatcaaa ccagaatgat 420
 atttcctatt cgcatatgca atcttacgat caattcctaa taaacttgga gg 472

<210> 83
 <211> 472
 <212> DNA
 <213> *Lagenorhynchus acutus*

<400> 83
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 caacactgac acgttttttc gccttccatt tcctcctccc attcataatt acagcattag 180
 cagctgttca cctgctgttc ctacacgaga caggatccaa taaccctaca ggaatcccat 240
 ctaacataga tataatcccg ttccaccctt attatacaat taaagatatc ctaggcgctt 300
 tactcttaat tctaacccta ctagcactaa ccctattcac ccctgaccta ctaggagacc 360
 ctgataacta cactccagca aatccactaa gcaccctgc acacatcaaa ccagaatgat 420
 atttcctatt cgcatatgca atcctacgat caattcccaa caaacttgga gg 472

<210> 84
 <211> 472
 <212> DNA
 <213> *Orcinus orca*

<400> 84
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caacactaac acgtttcttt gccttccact ttatcctccc attcatcatc acagcattaa	180
cagctgttca cctactgttc ctacacgaga caggatccaa taaccccaca ggaatcccat	240
ccaacataga tataatccca ttccaccctt atcacacaat taaagatacc ctaggcgccc	300
tactcttaat cctaaccctg ctagcactaa ccttattcgc ccctgaccta ctaggagacc	360
ctgacaacta taccacgca aatccactaa gcaccctgc acacatcaaa ccagaatgat	420
acttcctatt cgcatacgca atcctacgat cagttcccaa taaacttgga gg	472

<210> 85
 <211> 472
 <212> DNA
 <213> Orcaella brevirostris

<400> 85	
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caacactaac acgttttttc gccttccact ttatccttcc attcatcatc acagcactag	180
taactgttca cctactattc ctacacgaaa caggatccaa caatcctaca ggaatcccat	240
ccaacataga cataatccca ttccaccctt atcatacatt taaagacatc ctaggcgccc	300
tactcttaat cttagtccta ctaacactaa ccctgttcac ccccgaccta ctaggagacc	360
ctgataacta tactccagca aatccactaa gcaccctgc acacatcaaa ccagaatgat	420
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<210> 86
 <211> 472
 <212> DNA
 <213> Delphinus capensis

<400> 86	
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tcccttatat tggcactacc ttagtcgaat gaatctgagg tggattctcc gtagacaaag	120
caacattaac acgttttttc gctttccact ttatccttcc attcatcatc acagcattag	180
cagccgttca cctgctattc ctacacgaaa caggatccaa taaccccaca ggaatcccat	240
ccaatataga cataatccca ttccaccctt attatacaat caaagatatc ctagggtgct	300
tactcctaatt ctttaacccta ctagcactga ccctattcac tccagaccta ctaggagacc	360
ctgataacta taccacgca aatccactaa gcaccctgc acatatcaaa ccagaatgat	420
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<210> 87
 <211> 472

<212> DNA
 <213> Delphinus tropicalis

<400> 87
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 caacattaac acgctttttc gctttccact ttatcctccc attcatcatc acagcattag 180
 cagccgttca cctgctattc ctacacgaaa caggatccaa taacccacaca ggaatcccat 240
 ccaacataga cataatccca ttccaccctt attatacaat caaagatatc ctaggtgccc 300
 tactccta attaacctta ctagcactga ccctattcac tcccagaccta ctaggagacc 360
 ctgataacta taccacagca aatccactaa gcaccctgc acatatcaaa ccagaatgat 420
 actttctatt cgcatacgca atcttacgat caatccctaa taaacttgga gg 472

<210> 88
 <211> 472
 <212> DNA
 <213> Delphinus delphis

<400> 88
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 caacattaac acgctttttc gctttccact ttatcctccc attcatcatc acagcactag 180
 cagccgttca cctgctattc ctacacgaaa caggatccaa taacccacaca ggaatcccat 240
 ccaatataga cataatccca ttccaccctt attatacaat caaagatatc ctaggtgcct 300
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 ctgataacta taccacagca aatccactaa gcaccctgc acacatcaaa ccagaatgat 420
 actttctatt cgcatacgca atcttacgat caatccctaa taaacttgga gg 472

<210> 89
 <211> 472
 <212> DNA
 <213> Stenella clymene

<400> 89
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 caacattaac acgctttttc gctttccact ttatcctccc gttcatcatc acagcattag 180
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 ccaatataga cataatccca ttccaccctt attatacaat caaagatatc ctaggtgcct 300
 tactccta attaacccta ctagcactaa ccctattcac ccccagaccta ctaggagacc 360

ctgacaacta taccacagca aatccactaa gcaccctgc acacatcaaa ccagaatgat 420
actttctatt cgcatacgca atcttacgat caatccctaa taaacttgga gg 472

<210> 90
<211> 472
<212> DNA
<213> *Stenella coeruleoalba*

<400> 90
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caacattaac acgctttttc gctttccact ttatcctccc gttcattatc acagcattag 180
cagccgttca cctgctattc ctacacgaaa caggatccaa taaccaaca ggaattccat 240
ccaatataga cataattcca ttccaccctt attatacaat taaagatatc ctaggtgcct 300
tactccta attaacccta ctagcactaa cctattcac ccccgaccta ctaggagacc 360
ctgataacta taccacagca aatccactaa gcaccctgc acacatcaaa ccagaatgat 420
actttctatt cgcatacgca atcttacgat caatccctaa caaacttgga gg 472

<210> 91
<211> 472
<212> DNA
<213> *Tursiops aduncus*

<400> 91
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tcccttatat tggcactacc ttagtcgaat gaatctgagg tggattctcc gtagacaaag 120
caacactaac acgctttttc gctttccact ttatcctccc gttcgtcatc acagcattag 180
cagccgttca cctgctattc ctacacgaaa caggatccaa taacccaca ggaatcccat 240
ccaatataga cataatccca ttccaccctt attatacaat caaagacatc ctaggtgcct 300
tactccta attaacccta ctagcactaa cctattcac ccccgaccta ctaggaaacc 360
ctgataacta tatccacgca aatccactaa gtacccccgc acacatcaaa ccagagtgat 420
actttctatt cgcatacgca atcttacgat caatccctaa taaacttgga gg 472

<210> 92
<211> 472
<212> DNA
<213> *Stenella frontalis*

<400> 92
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tcccttatat tggcactacc ttagtagaat gaatctgagg tggattctcc gtagacaaag 120

caacattaac acgctttttc gctttccact ttatcctccc gttcatcatc acagcattag	180
cagccgttca cctactattc ctacacgaaa caggatccaa taaccccaca ggaatcccat	240
ccaatataga cataatccca ttccaccctt attatacaat caaagacatc ctaggcgcct	300
tactcctaac cctaacccta ctagcactaa ccctattcac ccccgaccta ctaggagacc	360
ctgacaatta taccacagca aatccactaa gcacccctgc acacatcaaa ccagaatgat	420
actttctatt cgcatacgca atcttacgat caatccctaa taaacttgga gg	472

<210> 93
 <211> 472
 <212> DNA
 <213> Sousa chinensis

<400> 93	
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caacattaac acgctttttc gctttccact ttatctttcc cttcatcatc acagcattag	180
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ccaacataga cataatccca ttccaccctt attatacaat caaagacatc ctaggtgcct	300
tactcctaac cttacccta ctagcactaa ccctattcac ccccgaccta ctaggagacc	360
ccgataacta taccacagca aatccactaa gcacccctgc acacatcaaa ccagaatgat	420
atttcttatt cgcatacgca atcttacggt caatccctaa taaacttgga gg	472

<210> 94
 <211> 472
 <212> DNA
 <213> Stenella longirostris

<400> 94	
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caacattaac acgctttttc gctttccatt ttatcctccc attcatcatc acagcattag	180
cagccgtcca cctactattc ctacacgaaa caggatccaa taaccccaca ggaatcccat	240
ccaacataga cataatccca ttccaccctt attatacaat caaagacatc ctaggtggct	300
tactcttaac cttacccta ctagcactaa ccctattcac cctgactta ctaggagacc	360
ctgataacta taccacagca aatccactaa acacccctgc acacatcaaa ccagaatgat	420
atttcttatt cgcatacgca atcttacgat caatccctaa taaacttgga gg	472

<210> 95

<211> 472
 <212> DNA
 <213> *Tursiops truncatus*

<400> 95
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 tcccttatat cggcactacc ttagtogaat gaatctgagg tggattttcc gtagacaaag 120
 caacattaac acgctttttc gccttccact ttattcttcc attcatcatc acagcattgg 180
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 ccaatataga cataatccca ttccaccctt attatacaat caaagacatc ctaggcgctt 300
 tactcttaat cttaacctta ctagcattaa ccctattcgc ccccgaccta ctaggagacc 360
 ctgataacta cccccagca aaccactaa gcaccctgc acacatcaaa ccagaatgat 420
 actttctatt cgcatacgca atcttacgat caatccctaa taagctcgga gg 472

<210> 96
 <211> 472
 <212> DNA
 <213> *Lagenorhynchus alborostris*

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 tcccttatat cggctactacc ctagtagaat gaatctgagg tggattctcc gtagacaaag 120
 caacactaac acgcttcttc gctttccact ttatcctccc attcatcatc acagcactag 180
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 ccaacataga tataattcca ttccaccctt attacacaat caaagacatc ctaggcgctt 300
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 ccgataacta taccacagca aatccactaa gcaactcctgc acacatcaaa ccagaatggt 420
 atttcctatt cgcatacgca atcctacgat caatccctaa caaacttgga gg 472

<210> 97
 <211> 472
 <212> DNA
 <213> *Steno bredanensis*

<400> 97
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 caacactaac acgttttttc gctttccact ttatcctccc attcatcatc atagcattag 180
 caactgtcca cctactattc ctacacgaga caggatccaa caatcccaca ggaatcccat 240
 ccaacataga tataatccca ttccaccctt attacacaat caaagacatc ctaggcgctt 300

tacttttaat cctaacttta ctagcactaa ccctattcac ccccgaccta ctaggagacc	360
ccgacaacta taccacagca aatccactaa gcacccctgc acacatcaaa ccagaatggt	420
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<210> 98
 <211> 472
 <212> DNA
 <213> *Sotalia fluviatilis*

<400> 98	
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caacactaac acgctttttc gccttccact ttatcctccc atttatcatc acagcattag	180
cagccgttca cctgctattc ctacacgaaa caggatccaa taatcccaca ggaatcccat	240
ccaacataga tataattcca ttccaccctt attacacaat caaagatatt ctaggcgcct	300
tactcctaatt cctgacccta ctagcactaa ccctattcac ccccgaccta ctaggagatc	360
ccgacaacta tactccagca aatccactta acacccctgc acacatcaaa ccagaatgat	420
atttcctatt cgcatacgca atcttacgat caatccctaa taaacttgga gg	472

<210> 99
 <211> 472
 <212> DNA
 <213> *Delphinapterus leucas*

<400> 99	
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caacactaac acgcttcttc accttccact ttatcctccc attcatcatt acagcgctag	180
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ccaacatgga tacaatccca ttccaccctt actacacaat caaagacatc ctaggtgctt	300
tactactaat cctaacccta ttaacagtaa ccctattcac acctgacctc ctaggagacc	360
cagacaatta caccacagca aaccactaa acacccccgc acacatcaaa ccagaatggt	420
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<210> 100
 <211> 472
 <212> DNA
 <213> *Monodon monoceros*

<400> 100	
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caacactaac	acgtttcttc	accttccact	ttatcctccc	attcatcatc	acagcactag	180
tggccgtcca	cttattattc	ctacacgaaa	caggatccaa	caaccccaca	ggaatcccat	240
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tcctactaat	cctaattcta	ctagcaataa	ccctactcac	acctgacctc	ctaggagacc	360
ctgacaatta	taccccagca	aacccactaa	gcacccctgc	acacatcaaa	ccagaatgat	420
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<210> 101
 <211> 472
 <212> DNA
 <213> *Platanista gangetica*

<400> 101	taccctgagg	acaaatatca	ttctgaggtg	caaccgtcat	caccaacctt	ttatcagcaa	60
tcccttatat	cggcagtacc	ctagtcgagt	gaatctgagg	tggcttttcc	gtagataaag		120
caacactaac	acgattcttt	gcctttcact	tcatcctccc	tttcatcatc	ctaactactag		180
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ccgacactga	caaaatccct	ttccacccct	actacacaat	caaagacacc	ctaggcgccc		300
tcatccta	cctaacctca	ctcacattaa	ccttatttac	acctgacctc	ctaggagacc		360
ccgataacta	caccccagca	aacccgctta	ataccccagc	acatatcaaa	ccagagtgat		420
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<210> 102
 <211> 472
 <212> DNA
 <213> *Platanista minor*

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ccaacactga	caaaatccct	ttccacccct	actacacaat	caaagacacc	ctaggcgccc		300
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ccgataacta	caccccagca	aacccgctta	ataccccagc	acatatcaaa	ccagagtgat		420
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<210> 103
 <211> 472
 <212> DNA
 <213> Kogia breviceps

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<210> 104
 <211> 472
 <212> DNA
 <213> Kogia simus

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 ccgacaacta taccacgca aaccactaa gcaccccggc acacattaaa ccagaatgat 420
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<210> 105
 <211> 472
 <212> DNA
 <213> Physeter catodon

<400> 105
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tactactaat cctatcccta cttacactaa cctgttcgc acccgacctg ctaggagatc	360
ctgacaacta caccacagca aatccactaa ataccccaac acacatcaaa ccagaatggg	420
atttcctatt cgcgtacgcc atcctacgat ctgtcccca taaactagga gg	472

<210> 106
 <211> 472
 <212> DNA
 <213> *Lipotes vexillifer*

<400> 106	
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<210> 107
 <211> 472
 <212> DNA
 <213> *Phocoena sinus*

<400> 107	
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caacactaac acgcttcttc gccttccatt ttatccttc atttatcatt acagcactaa	180
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<210> 108
 <211> 472
 <212> DNA
 <213> *Berardius bairdii*

<400> 108	
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ccacactaac	acgcttcttt	gccttccact	ttatcctccc	ttttatcatt	ctaaccctag	180
cagccgtcca	cttactattc	ctccacgaaa	caggatccaa	caaccccaca	ggaatcccat	240
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<210> 109
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 <213> *Ziphius cavirostris*

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cagccgtcca	cttactatct ctccacgaaa caggatctaa taaccccaca ggaatcccat 240
ccgatataga	caaaatccca ttccaccctt attacacaat caaagacatc ctaggagccc 300
tactattaat	cgtaattcta ctgcgactaa ccctattcgc acccgacctg ctaggagacc 360
ccgataacta	taccccagca aatccactca gcaccccgagc acacattaag ccagaatgat 420
acttcttatt	cgcatacgca atcctacgat caattcccaa taaactagga gg 472

<210> 110
 <211> 472
 <212> DNA
 <213> *Mesoplodon europaeus*

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ctacactaac	acgcttcttt gctttccact ttatccttcc attcattatt ctagccctaa 180
caatcgtcca	cttactatct ctccatgaaa caggatccaa taaccctaca ggaatcccat 240
ctgatataga	caaaatccca ttccatcctt actacacaat caaagatatc ctaggggctc 300
tactactaat	tctagcccta ctacccctaa ccctattcgc acccgacctg ctaggagacc 360
ccgacaatta	caccccagca aaccaccta atactccagc acacatcaaa ccagaatgat 420
acttcttatt	cgcatacgca attctacgat caattcccaa caaactagga gg 472

<210> 111
 <211> 472
 <212> DNA
 <213> Mesoplodon bidens

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 tactactaat tctaacccta ctgcactaa ccctattcgc acctgacctg ctaggagacc 360
 ccgacaacta taccacagca aaccactca gcacccagc ccacatcaaa ccagagtggg 420
 atttcctatt cgcatacgca atcttacgat caattcctaa taaactagga gg 472

<210> 112
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 <212> DNA
 <213> Mesoplodon densirostris

<400> 112
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<210> 113
 <211> 472
 <212> DNA
 <213> Hyperoodon ampullatus

<400> 113
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 ccacattaac ccgcttttcc gccctccact ttatcctccc attcattatt cttagccctag 180
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<210> 114
<211> 472
<212> DNA
<213> Hyperoodon ampullatus

<400> 114
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ccacattaac ccgctttttc gccctccact ttatctctcc attcattatt ctagccctag 180
caatcgtcca cctactattc ctccatgaaa caggatccaa caatcccaca ggaattccat 240
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ctgataacta taccacagca aaccactca gcactccagc acacatcaaa ccagaatggt 420
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<210> 115
<211> 472
<212> DNA
<213> Mesoplodon peruvianus

<400> 115
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ctgacaatta cactccagca aaccactta gcaccccagc acatattaaa ccagaatgat 420
attttctatt tgcatacgca attttacgat cagttctctaa taaactagga gg 472

<210> 116
<211> 472
<212> DNA
<213> Pontoporia blainvillei

<400> 116

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cagacaacta	tatcccagca	aaccccatga	ataccccaga	gcacattaaa	ccagaatggt	420
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<210> 117
 <211> 472
 <212> DNA
 <213> Hippopotamus amphibius

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cagacaacta	cacccccgca	aacccctta	gcacaccacc	acacattaaa	ccagaatgat	420
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<210> 118
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 <212> DNA
 <213> Hexaprotodon liberiensis

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ccgccgtcca	cctactgttt	ctccacgaaa	caggggtccaa	caacccaaca	ggaatcccct	240
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cagacaacta	cacccccgca	aacccctta	gcacaccacc	acacatcaaa	ccagaatgat	420
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<210> 119
 <211> 472
 <212> DNA
 <213> Rhinoceros sondaicus

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<210> 120
 <211> 472
 <212> DNA
 <213> Ceratotherium simum

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<210> 121
 <211> 472
 <212> DNA
 <213> Dicerorhinus sumatrensis

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tacttttaaat cctagcccta ctccaccctag ttctattctc gcttgacctc ctaggagacc	360
cggacaacta cacaccgccc aaccctctca gcacccctcc acacattaaa ccagaatggt	420
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<210> 122
 <211> 472
 <212> DNA
 <213> Equus asinus

<400> 122	
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ccacccttac ccgatttttt gctttccact ttattctacc ctttatcatc acagccctgg	180
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tcctcctagt cctactccta ctaaccctag tattattctc ccctgacctc ctaggagacc	360
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<210> 123
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 <213> Babyrousa babyrusa

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cagatataga caaaatccca ttccaccctc actataccat taaagacatt ctaggagccc	300
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<210> 124
 <211> 472
 <212> DNA
 <213> Phacochoerus africanus

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<210> 125
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<213> Sus scrofa haplotype EWB3

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<210> 126
<211> 472
<212> DNA
<213> Sus barbatus

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cagacaacta caccctcagca aaccctataa acaccccacc ccatattaaa ccagaatgat 420

acttcttatt cgcctacgct attctacggt caatcccca taaactaggc gg 472

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 <211> 472
 <212> DNA
 <213> Lama glama

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<210> 128
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 <213> lama guanicoe

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 <213> Vicugna vicugna

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 <213> Camelus bactrianus

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<210> 131
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 <212> DNA
 <213> Arctocephalus forsteri

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<210> 132
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 <213> Arctocephalus gazella

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<210> 133
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 <213> Eumetopias jubatus

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<210> 134
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 <212> DNA
 <213> Zalophus californianus

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<210> 135
 <211> 472
 <212> DNA
 <213> Odobenus rosmarus

<400> 135
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 caaccctaac acgatttcctc gccctccact tcgttcttcc attcatggca ttagcactaa 180
 cagcagtaca cctactatctt ctccacgaaa caggatctaa caacccttcg ggaatcctat 240
 ctgactcaga caaaatccca ttccaccggt actacacaat taaagatatc ctaggggctca 300
 tcattctaata cctaataccta atactactag tactattctc accagattta ctgggagacc 360
 cggacaatta caccacgac aaccctctca gcacccacc ccatatcaaa ccgaatgat 420
 atttcctatt cgcctacgct atcctccgat ctattcccaa caaactcggg gg 472

<210> 136
 <211> 472
 <212> DNA
 <213> Phoca vitulina

<400> 136
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 caaccttaac acgatttcctc gccttccact tcattcctgcc attcgtagta tcagccctag 180
 cagcagtcaca cctactatctc ctacacgaaa caggatcaaa caacccttcc ggaatcatat 240
 ccaactcaga caaaatccca ttccaccggt actatacaat taaagatatc ctaggggccc 300
 tactttctcat tctagtcctg acactactag tgctattctc acccgacctg ttaggagacc 360
 ccgacaacta tatccctgcc aatccctcaa gcacccacc acatatcaaa cctgaatggt 420
 acttcctatt tgcctacgca atcttacgat ccatcccaa caaactagga gg 472

<210> 137
 <211> 472
 <212> DNA
 <213> Phoca fasciata

<400> 137
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 caaccctaac acgatttttc gctttccact ttatcctacc atttgtagta tcagcactag 180

cggcagttca cctactattc ctacacgaaa caggatccaa caaccctcc ggaatcgtat	240
ccgactcaga caaaatccca ttccacccat actatacaat taaagatata ctaggagccc	300
tactcctcat cctagtccta atactactag tactattctc acccgaccta ctaggagacc	360
ccgacaacta caccctgcc aaccctctaa gcacccacc acatatcaag ccggaatgat	420
actttctatt tgcctacgca atcctacgat caatcccaa caaactagga gg	472

<210> 138
 <211> 472
 <212> DNA
 <213> Phoca groenlandica

<400> 138	
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caaccctaac acgatttttc gccttccact tcattctacc attcgtagta ttagcactag	180
cggcagttca tctactattc ttacacgaaa caggatccaa caaccacc ggaatcgtat	240
ccgactcaga caaaatcccg ctccacccat attatacaat taaagatata ctaggagccc	300
tactcctcat cctggtcctt atactactag tactgttctc acccgaccta ctgggagacc	360
ccgacaacta catcctgcc aatccctctaa gtacccacc acatatcaag ccggaatgat	420
actttttatt tgcctacgca atcctacgat caattcccaa caaactagga gg	472

<210> 139
 <211> 472
 <212> DNA
 <213> Cystophora cristata

<400> 139	
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tcccctacat cggagccgat ctagtagaat gaatctgagg gggattttca gtcgataaag	120
caactctaac acggtttttc gccttccact tcattctacc attcgtagta tcagcactag	180
caacagtcca cctactattc ctacacgaaa caggatctaa taatccctcc ggaatcacat	240
ccgactcaga caaaatccca ttccacccat actatacaat taaagacata ctaggagccc	300
tactcctcat cctagttcta aactactag tgctattctc acccgatctg ctaggagacc	360
ccgacaacta taccctgcc aaccctctaa gtacccacc acatattaaa cctgaatgat	420
acttcctatt cgcctatgca atcctacgat ctatcccaa caaactagga gg	472

<210> 140
 <211> 472
 <212> DNA

<213> Hydrurga leptonyx

<400> 140
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ttccctacat cggaaccgac ctagtacaat gaatttgagg cggattttca gtcgacaaag 120
caaccctaac acgattcttc gccttccact ttatccttcc cttcgtagta tcagcactag 180
cagcagtaca tctactattc ttacacgaaa caggatccaa taaccctcc ggaattccat 240
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tattcctcat tctaacccta atactactag tattattctc acccgaccta ctaggagacc 360
ccgacaacta tattcctgct aacccctaa gcacccacc acatatcaaa cccgaatgat 420
atttcttatt tgcctacgca atcctacgat ccattcccaa taaactagga gg 472

<210> 141

<211> 472

<212> DNA

<213> Leptonychotes weddelli

<400> 141
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caaccctaac acgattcttc gccttccact ttatccttcc cttcgtagta tcagcactag 180
cagcagtaca tctactattc ttacacgaga caggatccaa caaccctcc ggaattccat 240
ctgactcaga caaaatccca tttcaccct actacacaat caaagacatc ctaggagccc 300
tactcctcat tctaacccta atattactag tattattctc acccgacctg ctaggagatc 360
ccgacaacta tactcccgct aatccctaa gtactccacc acatatcaaa cccgaatgat 420
atttcttatt tgcctacgca atcttacgat ccattcccaa caaactagga gg 472

<210> 142

<211> 472

<212> DNA

<213> Mirounga leonina

<400> 142
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caaccctaac acgattcttc gccctccact ttatcctacc attcgtagca ctagcactag 180
cagcagtaca tctactattc ctacacgaaa caggatccaa caaccctct ggaatcccat 240
ccgactcaga caaaatccca ttccacccat actacacaat caaagatatc ttaggagccc 300
tacttcttat tctaacccta atactattag tgttattctc acccgactta ttaggagacc 360

ccgacaacta caccctgcc aatcccctaa gcacccacc acatattaaa cccgaatgat 420
 atttctatt tgcctacgca atcctacgat ctattcccaa caaactagga gg 472

<210> 143
 <211> 472
 <212> DNA
 <213> *Erignathus barbatus*

<400> 143
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 cagcagtcca cctattattc ctacacgaaa caggatccaa caaccctct ggaatctcgt 240
 ccgactcaga taaaattcca ttccacccat actatacagt caaggacatc ttaggggcct 300
 tacttctaata cctagttctt atacttctag tgctattctc acccgaccta ctgggagatc 360
 ccgacaacta cactccgct aaccccctaa gcacccacc acatattaag cccgaatgat 420
 atttctatt cgcctatgca atcctacgat ccattcccaa caaacttgga gg 472

<210> 144
 <211> 472
 <212> DNA
 <213> *Monachus schauinslandi*

<400> 144
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 caaccctaac acgattcttc gctttccatt ttattatacc cttcatagta ttagcactag 180
 cagcagtcca ttattatttt ctacacgaaa caggatccaa caatccctcc ggaattccat 240
 ccaactcaga caaaatccca ttccacccat actatacaat taaagacatt ctaggagctt 300
 tactccttat cctaattota atactactag tactattctc acccgactta ctaggagacc 360
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 atttctatt cgcctacgca atcctacgat ctattcccaa taaactagga gg 472

<210> 145
 <211> 472
 <212> DNA
 <213> *Helarctos malayanus*

<400> 145
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 tcccctatat tggaacggac ctagtagaat gagtctgagg aggcttttcc gtagacaagg 120

cgactctaac acgattcttt gccttccact ttatccttcc gttcatcatc ttggcactaa	180
cagcgggtcca cctattattc ctacacgaaa caggggtccaa caatccctct ggaatcccat	240
ctgactcaga caaaatccca tttcacccgt actatacaat taaggacatc ctaggcgccc	300
tacttcttac cctagcccta acaaccctag ttctattctc gcccgactta ctaggagacc	360
ctgacaacta catccccgca aatccattga gcaccccacc ccacatcaaa cccgaatggt	420
actttctatt tgcctacgct atcctacgat ccatccctaa taaactagga gg	472

<210> 146
 <211> 472
 <212> DNA
 <213> *Selenarctos thibetanus*

<400> 146	
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tcccctatat tggaacagac ctagtagaat gaatctgagg gggcttttct gtagataaag	120
caaccctaac acgattcttt gctttccact ttatccttcc gttcatcatc ctagcactag	180
cagcagttca tctattgttc ctacacgaaa caggatccaa caacccttct ggaatcccat	240
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tacttctcat cctagcctta gcaactctag tcttattctc gcccgactta ctaggagacc	360
ctgataacta taccctcgca aaccactga gcaccccacc ccacatcaaa cccgaatgat	420
actttttatt tgcttacgct atcctacgat ccatcccaaa caaactagga gg	472

<210> 147
 <211> 472
 <212> DNA
 <213> *Ailurus fulgens*

<400> 147	
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caactctaac tcgattcttc gccttccact tcattcttcc atttatcatt gcaacactag	180
caactatcca tctcttattc ctacatgaaa caggatctaa taaccctca ggcaccccat	240
ccaactcaga caaaattcca ttccatccct attatacaat taaagatatc ttgggcgctc	300
tactccttat cctaattctc atgacattag tactattctt acctgacttg cttggtgatc	360
ctgataacta tattcccgct aaccattaa gcacaccacc ccatattaaa cctgagtggg	420
atttcttatt cgcatatgca attctacgat ccatcccaaa caaactagga gg	472

<210> 148
 <211> 472

<212> DNA
 <213> *Felis catus*

<400> 148
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 ttccatacat cgggactgaa ctagtagaat gaattctgagg ggggttctca gtagacaaag 120
 ccaccctaac acgattcttt ggcttccact tcattcttcc attcattatc tcagccttag 180
 caggagtaca cctcttattc cttcatgaaa caggatctaa caaccctca ggaattacat 240
 ccgattcaga caaaatccca ttccaccat actatacaat caaagacatc ctaggtcttc 300
 tagtactagt tttaacactc atactactcg tcctatcttc accagacctg ctaggagacc 360
 cagacaacta catcccagcc aacccttta ataccctcc ccatattaaa cctgaatgat 420
 acttctatt cgcatacgca attctcgat ccatccctaa caaactaggg gg 472

<210> 149
 <211> 472
 <212> DNA
 <213> *Canis familiaris*

<400> 149
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 caaccctaac acgattcttt gcattccatt tcctcctccc tttcatcatc gcagctctag 180
 caatagtaca cctcctatct ctacacgaaa ccggatccaa caacccttca ggaatcacat 240
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 attttctatt cgcctatgct atcctacgat ccattcctaa taaattagga gg 472

<210> 150
 <211> 472
 <212> DNA
 <213> *Talpa europaea*

<400> 150
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cagacaatta catccccggca aacccgctaa acacaccacc ccatattaaa cccgaatggt 420
acttcctatt tgcatatgcc atcctacgat caattcctaa taaattagga gg 472

<210> 151
<211> 472
<212> DNA
<213> *Glaucomys sabrinus*

<400> 151
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taatcctcat cttaatcttc ataaccctag ttctcttcac cctgatott ctaggagacc 360
cagacaacta taccacagcc aaccactca acaccctcc ccacatcaa ccagaatgat 420
actttctatt tgcatacgca attctacgat ctattccaaa taaactagga gg 472

<210> 152
<211> 472
<212> DNA
<213> *Glaucomys volans*

<400> 152
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actttctatt tgcgtatgca attctacgat ctatcccaaa taaactagga gg 472

<210> 153
<211> 472
<212> DNA
<213> *Hylopetes phayrei*

<400> 153
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tcccctacat tggaacagtc cttgtcgaat gaatttgagg gggattttcc gtagataagg 120

ctaccctaac ccgattcttc gcattccact ttgtgctgcc ctttattatt gcagcactag	180
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ccgattcaga caaaatccca ttccacccat actattcaat taaagatctc ctaggcgccc	300
ttattcttct cctaattctt ataaacttag tactattttc ccccgatctt ttaggagacc	360
ctgacaacta ccccccgcc aaccactta acaccctcc tcatattaaa ccagaatgat	420
actttctatt cgcatacgca atcctacgat ctattcccaa taaattagga gg	472

<210> 154
 <211> 472
 <212> DNA
 <213> *Petinomys setosus*

<400> 154	
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ctaccctaac ccgattcttc gcattccact ttgtgctgcc ctttattatt gcggcactgg	180
ctataatcca ccttctcttt ctacacgaaa cagggtcaaa taatccatca ggtctaattt	240
ccgattcaga caaattccca ttccacccat actattcaat taaagatctc ctaggggccc	300
ttattcttct cctaattctt ataaacttag tactattctc ccccgatctt ttaggagacc	360
ctgacaacta ccccccgcc aaccactta acaccctcc tcatattaaa ccagaatgat	420
actttctatt cgcatacgca atcctacgat ctattcccaa taaattagga gg	472

<210> 155
 <211> 472
 <212> DNA
 <213> *Belomys pearsonii*

<400> 155	
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caaccctaac acgattcttc gcattccact ttatcttacc atttatcgta gcagcccttg	180
caatagtcca ctttcttttc ctccacgaaa ttgggtcaaa taatcccccc ggattaattt	240
ctgaatctga taaagtacca ttccacccat acttcacaat caaagatatt cttggcgccc	300
taatcttcgg ctttatattt acaaccctta ttctattcgc cctgatctc ctaggagacc	360
ctgacaacta tactccggcc aatccactta acaccctcc ccacattaaa ccagaatgat	420
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<210> 156

<211> 472
 <212> DNA
 <213> Pteromys momonga

<400> 156
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<210> 157
 <211> 472
 <212> DNA
 <213> Galagoides demidoff

<400> 157
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<210> 158
 <211> 472
 <212> DNA
 <213> Perodicticus potto

<400> 158
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tctttcttct actaatccta ctcaccctag tcctattctc ccagaccta ttaggagacc 360
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<210> 159
 <211> 472
 <212> DNA
 <213> Galago matschiei

<400> 159
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 ccacccttac tcgattcttc gcttttcaact tcattcctacc tttcattatt gcagccctag 180
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<210> 160
 <211> 472
 <212> DNA
 <213> Galago moholi

<400> 160
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<210> 161
 <211> 472
 <212> DNA
 <213> Otolemur garnettii

<400> 161
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tcctcctcct tctaacccta ttctccctag tcctattctc ccccgacctt ctaggagacc	360
cagacaacta caccctgcc aacccctaa acacaccgcc ccatatcaaa ccggaatgat	420
atttcttatt tgcttatgct atcttacgat ccattccaaa taaactagga gg	472

<210> 162
 <211> 472
 <212> DNA
 <213> Loris tardigradus

<400> 162	
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caaccctcac acgattcttc gcctttcact tcattccttc attcatcgc acagcattaa	180
ctgcaattca cctacttttc ctacacgaat caggatcaaa taacccatcc ggaataacat	240
cagactctga caaaatccca ttccaccctt actacacatt aaaagatatt ctaggagtaa	300
ttgtctcttt aatcacctta tcaactctag ttctattctc ccttgacctt ttaggagacc	360
ccgataatta cacaccagct aaccctttaa acaccccacc ccacatcaaa ccagaatggt	420
atttcttatt cgcatacgca atcctacgat caatcccaaa taaactaggt gg	472

<210> 163
 <211> 472
 <212> DNA
 <213> Nycticebus coucang

<400> 163	
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ccacactcac acgattcttc gcctttcact ttatcctccc cttcatcgc gctgctctag	180
ttgtgattca cctcatcttt ctacatgaaa caggctcaaa taatccatca ggaatctcat	240
cagactcaga taagattcca ttccaccctt actactcact taaagacctc ctaggagtgg	300
ttttcttatt agcaacccta tctattctag tcttattctc ccttgacctc ctaggagacc	360
ccgacaacta tcccccgcc aacccttag tcaccctcc acatatcaaa ccagaatgat	420
attttctatt cgcctacgcc atccttcgat caatcccaaa caaactagga gg	472

<210> 164
 <211> 472
 <212> DNA
 <213> Mus musculus

<400> 164
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 ccaccttgac ccgattcttc gctttccact tcatcttacc atttattatc gcggccctag 180
 caatcggttca cctcctcttc ctccacgaaa caggatcaaa caaccaca ggattaaact 240
 cagatgcaga taaaattcca ttccaccct actatacaat caaagatatc ctaggtatcc 300
 taatcatatt cttaattctc ataaccctag tattatTTTT cccagacata ctaggagacc 360
 cagacaacta cataccagct aatccactaa acaccccacc ccatattaaa cccgaatgat 420
 atttcctatt tgcatacgcc attctacgct caatcccaa taaactagga gg 472

<210> 165
 <211> 472
 <212> DNA
 <213> Gorilla gorilla

<400> 165
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 caaccctcca tctcctatTT ctacacgaaa caggatcaaa caaccctcta ggcatccct 240
 cccactctga caaatcacc ttccaccct actacacaat caaagacatc ctaggcctat 300
 tcctctttct cctgaccttg ataacattaa cactattctc accagacctc ctaggagacc 360
 cagacaacta caccttagcc aaccccctaa gcaccccacc ccacatcaaa cccgaatgat 420
 atttcctatt tgcctacgca attctccgat ctgtcccaa taaactagga gg 472

<210> 166
 <211> 472
 <212> DNA
 <213> Homo sapiens sapiens

<400> 166
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 ccaccctcac acgattcttt acctttcact tcatcttgcc cttcattatt gcagccctag 180
 caacactcca cctcctattc ttgcacgaaa cgggatcaaa caacccccta ggaatcacct 240
 cccattccga taaaatcacc ttccaccctt actacacaat caaagacgcc ctcggcttac 300

ttctcttctt	tctctcctta	atgacattaa	cactattctc	accagacctc	ctaggcgacc	360
cagacaatta	taccctagcc	aacccttaa	acaccctcc	ccacatcaag	cccgaatgat	420
atttcctatt	cgctacaca	attctccgat	ccgtccctaa	caaactagga	gg	472

<210> 167
 <211> 472
 <212> DNA
 <213> Dugong dugong

<400> 167	
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tcccctacat	120
cggcaccaac	
ctagtcgaat	
gagtttgagg	
gggattctca	
gtagacaaag	
ccaccctcac	180
ccgattcttc	
gccctacact	
tcctcctacc	
cttcacgta	
accgcctag	
taatagtcca	240
cttactattc	
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cagggtccaa	
caacccacg	
ggactgatct	
ccgactcaga	300
caaaatccca	
ttccacccat	
attattcagt	
caaagacctc	
ctaggcctat	
tcctcctcat	360
tctagtctta	
ctcctactaa	
ccctgttctc	
cccggacata	
ctgggagacc	
cagacaacta	420
cacaccagcc	
aaccactaa	
acaccctcc	
ccacattaaa	
ccagaatgat	
actttctatt	472
ccgatacgct	
atcctccgat	
ctatccctaa	
taaactaggc	
gg	

<210> 168
 <211> 472
 <212> DNA
 <213> Elephas maximus

<400> 168	
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ttctcagcaa	
ttccctacat	120
cggcacaaac	
ctagtagaat	
gaatttgagg	
aggcttttcg	
gtagataaag	
caaccttaaa	180
ccgattcttc	
gccttcatt	
tcctccttcc	
atttactata	
gttgactag	
caggagtgc	240
cctaaccttt	
cttcacgaaa	
cagggtcaaa	
caaccacta	
ggtctcactt	
cagactcaga	300
caaaattccc	
tttcacccgt	
actatactat	
caaagacttc	
ctagggctac	
ttatccta	360
tttactcctt	
ctactcttag	
ccctactatc	
tccagacata	
ctaggagacc	
ctgacaacta	420
cataccagct	
gatccactaa	
atactcccct	
acacatcaaa	
ccagagtgat	
acttcctttt	472
tgcttacgcc	
attctacgat	
ctgtacccaa	
caaactagga	
gg	

<210> 169
 <211> 472
 <212> DNA
 <213> Afropavo congensis

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ttctgagggg	
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cacaaaccta	
tactcagcaa	

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 caaccctcac ccgattcttc gccctacact ttcttctccc ctttctaatt gcgggaatta 180
 caattatcca cctcacattc ctcatgaat caggctcaaa caaccactg ggcattctcat 240
 ccaattcaga taaaatccca ttccaccgt actactccct caaagatata ctaggcttag 300
 cactcatgct cattccattc ctgacactag ccctactctc cccaacctc ttaggtgatc 360
 cagaaaactt cccccagca aacctctag taactcccc acacattaaa ccagaatggt 420
 atttcttatt tgctatgcc atccttcgct caatcccaa caaactagga gg 472

<210> 170
 <211> 472
 <212> DNA
 <213> Pavo muticus

<400> 170
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 tcccttatat tggacaaacc ctagtagaat gagcctgagg gggattctca gtcgacaacc 120
 caaccctcac ccgattcttc gccctacact ttctctccc ctttgtaata gcaggaatta 180
 caattatcca cctcacattc ctcatgaat caggctcaaa taatccacta ggcattctcat 240
 ccaactcaga caaaattccg ttccaccat actactccct caaagatata ctaggcttaa 300
 ctcttatatt tatccattc ctaacactag ccctattctc cccaatctc ctaggtgacc 360
 cagaaaactt tccccagca aacctctag taaccccc gcacattaaa ccagaatgat 420
 acttcttatt tgctacgcc atccttcggt caatcccaa caaactagga gg 472

<210> 171
 <211> 472
 <212> DNA
 <213> Tragopan blythii

<400> 171
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 caaccctcac tcgattcttc gccctacact tctctctccc atttgtaata gcaggaatta 180
 ccatcatgca cctcatcttc ttacatgaat caggctctaa taaccactg ggcattctcat 240
 ctaactctga caaaatccca ttccaccgt actactccct caaagatata ctgggtctaa 300
 cactcatgct cccccctc ctacactag cattattctc accgaacctt ttaggcgacc 360
 cagaaaactt cccccagca aacctctag taacctctc ccatatcaaa ccagaatgat 420
 acttcttatt cgttatgcc atcctgcgct caatcccaa caaacttggg gg 472

<210> 172
 <211> 472
 <212> DNA
 <213> Tragopan satyra

<400> 172
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 caaccctcac ccgattcttc gccctacact tctcctccc atttgtaatc gcaggaatta 180
 ctatcataca cctcatcttc ttacatgaat caggctctaa taaccactg ggcattctcat 240
 ccaactctga caaaatccca ttcatccat actactccct caaggatata ctaggcctaa 300
 cactcatgct ccccccttc ctcacactag cttattctc accaaacctc ctaggatgac 360
 cagaaaactt cccccagca aaccactag taaccctcc ccatattaaa ccagaatgat 420
 acttctatt cgcctacgcc atcctacgct caatcccaaa caaacttgga gg 472

<210> 173
 <211> 472
 <212> DNA
 <213> Tragopan caboti

<400> 173
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 tcccatacat tggccaaact ctagtagaat gggcctgagg gggcttttca gttgacaatc 120
 caacccttac ccgattcttt gccctacact tctcctccc atttgtaatc gcaggaatca 180
 ccatcatcca cctcatcttc ctacatgaat caggctctaa caaccctctg ggcattctcat 240
 ctgactctga caaaatccca ttccaccgt actactccct caaagatata ctgggcctaa 300
 cactcact cactccttc ctcacactag cttattttc accaaacctc ctaggatgac 360
 cagaaaactt cccccagca aaccattgg taactcctcc ccatatcaag ccagaatggt 420
 atttctgtt cgcttatgcc atcctacgct caatcccaaa caaactcgga gg 472

<210> 174
 <211> 472
 <212> DNA
 <213> Tragopan temminckii

<400> 174
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 tcccatacat tggccaaacc ctagtagaat gagcttgagg gggcttttca gttgacaatc 120
 caacccttac ccgattcttt gccctacact tctcctccc atttgtaatc gcaggaatta 180
 ccatcatcca cctcatcttc ctacatgaat caggctcaaa caaccctcta ggcattctcat 240

ctaactctga caaaatccca ttccaccgt actactccct caaagatatc ctaggcctaa 300
 cactcatact cactccctc ctacactag ccttattttc accaaaccta ctaggtgatc 360
 cagaaaactt caccocagca aaccactag taactcctcc ccatatcaaa ccagaatgat 420
 attttctggt cgcttatgcc atcctgcgct caattccaaa caaactcgga gg 472

<210> 175
 <211> 472
 <212> DNA
 <213> Argusianus argus

<400> 175
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 ccacccttac ccgattcttt gctctacatt tcctcctacc cttcgtaatc gcaggaatca 180
 ccatcatcca cctcacattc ctacacgaat caggctcaaa caaccacta ggcattctcat 240
 ctaactctga caaaatccca ttccaccat actactccct caaagacatc ctaggcctaa 300
 cactcatact cgctccattc cttacactaa ccctattcta cccaaaccta ctaggtgacc 360
 cagaaaactt caccocagca aaccattag taactccacc ccacatcaag ccagaatgat 420
 acttcttatt cgcttatgcc atcctacgct caatccaaa caaactagga gg 472

<210> 176
 <211> 472
 <212> DNA
 <213> Catreus wallichii

<400> 176
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 tcccttacat cggacagacc ctagtagaat gagcctgagg aggatttctca gttgacaatc 120
 caactctcac ccgattcttc gccctgcact tcctccttcc cttcgtaatt gcaggaatca 180
 ccatcaccca tctcatattc ctacatgaat caggctcaaa taaccoccta ggcattctcat 240
 ctaactccga caaaatccca ttccaccat actactccct caaagatatc ctaggcctag 300
 cacttatatt caccocattc ctaacactag ccctattctc accaaatctt ctgggagacc 360
 cagaaaactt caccocagca aatccattag taaccocacc acacattaaa ccagaatggt 420
 acttcttatt tgcctacgct atcctacgct caatccaaa taaactcgga gg 472

<210> 177
 <211> 472
 <212> DNA
 <213> Crossoptilon crossoptilon

<400> 177

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caaccctcac ccgattcttc gccctacact tcctcctccc cttcgtaatt gcaggaatta	180
ctgtcaccca cctcatattc ctacacgaat caggctcaaa caaccacta ggcattctcat	240
ctaattccga caaaatccca ttccaccctt actactccct caaagacatc ctaggcctag	300
cacttatact caccctattc ctaacactag ccctattctc acctaacctt ctgggcgacc	360
cagagaactt caccctcagca aaccactag taaccccccc tcacattaaa ccagaatgat	420
acttcctatt tgcctatgct atcctgcgct caatcccaaa taaactcgga gg	472

<210> 178
 <211> 472
 <212> DNA
 <213> *Syrmaticus reevesi*

<400> 178	
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tcccctacat cggacaaacc ctagtagagt gggcctgagg aggatttctca gttgacaacc	120
caaccctcac ccgattcttc gcccttact ttctcctacc cttcgtaatc acaggaatca	180
ccatcacaca tcttatgttc ctacacgaat caggctcaaa caaccacta ggcatttcat	240
ctaactctga caaaatcccc ttccaccat actactctct caaagatatc ctaggcctag	300
cacttatact caccctattc ctacactag ccctattctc acctaacctg ctaggcgacc	360
cagaaaactt caccctcagca aaccactag taaccctcc tcacattaaa ccagaatgat	420
acttcctatt tgcctacgcc atcctacgct caatcccaaa caaactgggg gg	472

<210> 179
 <211> 472
 <212> DNA
 <213> *Bambusicola thoracica*

<400> 179	
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ttccctacat cggacaaacc ctagtagaat gagcctgggg gggatttctca gtagacaacc	120
caactctcac ccgattcttc gccttact tcctactccc cttcgtaatc gcaggaatta	180
ccattatcca cctcacattc ttacacgaat caggatcaaa caaccctta ggcattctcat	240
ctaactccga caaaatccca ttccaccat actactcctt taaagacatt ctgggcctag	300
cccttatatt catccattc ctgacactag ccctattctc ccctaacctc ctaggagacc	360
cagaaaactt caccctcagca aaccactag taaccctcc acacatcaaa ccagagtggg	420
acttcctatt cgcgtatgct atcgtagat caatcccaaa caaactcgga gg	472

<210> 180
 <211> 472
 <212> DNA
 <213> *Francolinus francolinus*

<400> 180
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 ttccctacat tggacaaacc ttagtagagt gagcctgagg gggattctca gtagataacc 120
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 ctatcatcca cctcacattt ctgcacgaat cagggtcaaa caacccccta ggcattctcat 240
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 acttcttatt tgctacgccc atctacgct caatccccaa caaactcgga gg 472

<210> 181
 <211> 472
 <212> DNA
 <213> *Ithaginis cruentus*

<400> 181
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 caaccctcac ccgattcttc gccctacact ttctcctccc cttecgcaatc gcaggaatta 180
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 ctaactctga caaaatccca ttccacccat actactccct caaagacatc ctaggcctag 300
 cacttatact catccctttt cttacactag tcctattttc ccccaacctc ctaggagatc 360
 cagaaaactt tagtccagca aacccctag taacccacc ccatattaaa ccagaatgat 420
 acttcttatt tgctacgct attctacgct caatccccaa taaacttgga gg 472

<210> 182
 <211> 472
 <212> DNA
 <213> *Anthropoides paradisea*

<400> 182
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 tcccatatat cggccaaacc cttgtagaat gagcttgagg gggtttctca gtagacaatc 120
 ccacattaac tcgattcttc actttacact tcctccttcc attcataatt atgggcctca 180
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caaactgcga taaaatccca ttccaccctt atttttcctt aaaagatatc ctaggattca 300
tactcatact actcccactc ataaccctag ctctattctc accaaactta ctaggagacc 360
cagaaaactt cccccagca aacccttag tcacacctcc ccatatcaaa ccagaatgat 420
atttcttatt tgcgtatgcc atcctacggt caattccaaa caaactagga gg 472

<210> 183
<211> 472
<212> DNA
<213> *Anthropoides virgo*

<400> 183
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tcccatacat cggccaaacc cttgtagaat gagcttgagg gggtttttca gtagataatc 120
ccacattaac tcgattcttc acgttacact tcctccttcc attcataatt atgggcctca 180
ccctaatacca cctcaccttc cttcacgaat cgggtcaaaa caacccctta ggcacgtat 240
caaactgcga taaaatccca ttccaccctt atttttcctt aaaagatatc ctaggattca 300
tactcatact actcccactc ataaccctag ctctattctc accaaactta ctaggagacc 360
cagaaaactt cccccagca aatcccttag tcacacctcc ctatattaaa ccagaatgat 420
atttcttatt tgcatacgcc atcctacggt caattccaaa caaactagga gg 472

<210> 184
<211> 472
<212> DNA
<213> *Grus antigone antigone*

<400> 184
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tcccctacat cggccaaacc cttgtagaat gagcttgagg gggcttctca gtagacaatc 120
ccacattaac tcgattcttc actttacact tcctccttcc attcataatc ataggcctca 180
ccctaatacca cctcaccttc cttcacgaat cgggtcaaaa caacccctta ggcacgtat 240
caaactgcga taaaatccca ttccaccctt acttttcctt aaaagatatc ctaggattca 300
cactcatact acttcactc ataaccctag ccctattctc accaaaccta ctaggagacc 360
cagaaaactt cccccagca aacccttag tcacacctcc tcatatcaag ccagaatgat 420
actttttatt tgcatacgcc atcctacggt caatcccaaa caaactagga gg 472

<210> 185
<211> 472
<212> DNA
<213> *Grus antigone gillae*

<400> 185
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ccacattaac tcgattcttc actttacact tcctccttcc attcataatc ataggcctca 180
ccctaatacca cctcaccttc cttcacgaat ccggctcaaa caacccccta ggcacgtat 240
caaactgcga taaaatccca ttccaccctt acttttcctt aaaagatatc ctaggattca 300
cactcactact acttccactc ataaccctag ccctattctc accaaaccta ctaggagacc 360
cagaaaactt caccacagca aaccccctag tcacacctcc tcatatcaag ccagaatgat 420
actttttatt tgcatacgcc atcctacgtt caatcccaaa caaactagga gg 472

<210> 186
<211> 472
<212> DNA
<213> Grus antigone sharpei

<400> 186
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tcccctacgg cggccaaacc cttgtagaat gagcttgagg gggctttctca gtagacaatc 120
ccacattaac tcgattcttc actttacact tcctccttcc cttcataatc ataggcctca 180
ccctaatacca cctcaccttc cttcacgaat ccgggtcaaa caacccccta ggcacgtat 240
caaactgcga taaaatccca ttccaccctt acttttcctt aaaagatatc ctaggattca 300
cactcactact acttccactc ataaccctag ccctattctc accaaaccta ctaggagacc 360
cagaaaactt caccacagca aaccccctag tcacacctcc ccatatcaag ccagaatgat 420
actttttatt tgcatacgcc atcctacgtt caatcccaaa caaactagga gg 472

<210> 187
<211> 472
<212> DNA
<213> Grus leucogeranus

<400> 187
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ccacattaac tcgattcttc actttacact tcctccttcc attcataatc ataggcctca 180
ccctaatacca cctcaccttc cttcacgaat ccggctcaaa caacccccta ggcacgtat 240
caaactgcga taaaatccca ttccaccctt acttttcctt aaaagatatc ctaggggtca 300
tactcactact acttccactc ataaccctag ccctattctc accaaaactta ctaggagacc 360
cagaaaactt cactccagca aaccccctag taacaccccc acatattaaa ccagaatgat 420

acttcctatt tgcatacgcc atccgacgtt caatccccaaa caaactagga gg 472

<210> 188
 <211> 472
 <212> DNA
 <213> Grus canadensis pratensis

<400> 188
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 ccacattaac cggattcttc actttacact tcctcctccc attcataatt ataggcctca 180
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 caaactgcga taaaatccca ttccaccctt atttttcctt aaaagatatc ctaggggttca 300
 tactcatact acttccactc ataaccctag ctctattttc accaaactta ctaggagacc 360
 cagaaaactt caccocagca gacccctag tcacacctcc ccatatcaaa ccagaatgat 420
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 <213> Grus canadensis rowani

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 <213> Grus canadensis tabida

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ccctaatacca cctcaccttc cttcacgaat cgggctcaaa caacccccta ggcattgtat	240
caaactgcga taaaatccca ttccaccctt atttttcctt aaaagatatc ctagggttca	300
tactcatact acttccactc ataaccctag ctctattttc accaaactta ctaggagacc	360
cagaaaactt caccocagca aaccccctag tcacacctcc ccatatcaaa ccagaatgat	420
actttttatt tgcctactcc atcttacgct caatcccaaa caaactagga gg	472

<210> 191
 <211> 472
 <212> DNA
 <213> Grus canadensis canadensis

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ccacattaac cggattcttc actttacact tctctctccc attcataatt ataggcctca	180
ccctaatacca cctcaccttc cttcacgaat cgggctcaaa caacccccta ggcattgtat	240
caaactgcga taaaatccca ttccaccctt atttttcctt aaaagatatc ctagggttca	300
tactcatact acttccactt ataaccctag ctctattctc accaaactta ctaggagacc	360
cagaaaactt caccocagca aaccccctag tcacacctcc ccatatcaaa ccagaatgat	420
actttttatt tgcctacgcc atcttacgct caatcccaaa caaactagga gg	472

<210> 192
 <211> 472
 <212> DNA
 <213> Grus americana

<400> 192	
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ccacattaac cggattcttc actttacact tctctctccc attcataatc ataggcctca	180
ccctaatacca cctcaccttc ctccacgaat cgggctcaaa caacccccta ggcacgtat	240
caaactgcga taaaatccca ttccaccctt atttttcctt aaaagacatc ctaggattca	300
cactcatatt acttccactc ataaccctag ctctattttc accaaactta ctaggagacc	360
cagaaaactt caccocagca aaccccctag tgacaectcc ccatattaag ccggaatgat	420
actttttatt tgcatacgcc atcctacggt caatcccaaa caaactagga gg	472

<210> 193
 <211> 472
 <212> DNA
 <213> Grus grus

<400> 193
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tactcatatt acttccactc ataaccctag ctctattttc accaaactta ctaggagacc 360
cagaaaactt caccacgca aaccctctag tcacacctcc ccatattaag ccggaatgat 420
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<213> Grus monacha

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tattcatatt acttccactc ataaccctag ctctattttc accaaactta ctaggagacc 360
cagaaaactt caccacgca aaccccctag tcacacctcc tcatattaaa ccggaatgat 420
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<211> 472
<212> DNA
<213> Grus nigricollis

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tattcatatt acttccactc ataaccctag ctctattttc accaaactta ctaggagacc 360
cagaaaactt caccacgca aaccccctag tcacacctcc ccatattaag ccggaatgat 420

actttctatt tgcatacgct atcctacggt caatcccaaa caaactagga gg 472

<210> 196
<211> 472
<212> DNA
<213> Grus japonensis

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ccctaatacca tctcactttc ctccacgaat cgggtcaaaa caaccccta ggcacgtat 240
caaactgtga taaaatccca ttccaccct attttctctt aaaagatatc ttaggattta 300
cactcatatt acttccactc ataaccctag ccctattctc accaaactta ctaggagacc 360
cagaaaactt caccacagca aacccctag ttacacctcc ccatattaag ccggaatgat 420
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<210> 197
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<212> DNA
<213> Ciconia boyciana

<400> 197
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caacactaac ccgattcttc gccctacct ttcttctccc cttcgcaatc gcaggcctca 180
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cactcctact tctgccacta accaccctgg ccctattctc acccaacctc ctaggtgacc 360
cagagaactt caccacagcc aacccctag tcacaccccc tcacatcaag ccagagtggg 420
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<210> 198
<211> 472
<212> DNA
<213> Rhea americana

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ctcttatcca cctcaccttc ctacacgaaa ccgggtccaa caaccctta ggaatcgat	240
ctcactctga caaaatccca ttccaccct acttctccct aaaagatgcc ctaggactag	300
ctctcatatt tatcccgctc ctaaccctag ctttcttctc acccaacctc ctaggggacc	360
cagaaaactt caccacagcc aacccttag ttacaccccc tcacatcaag ccagaatgat	420
atttcctatt cgcttacgcc atcttacgct ccatcccaa caaactagga gg	472

<210> 199
 <211> 472
 <212> DNA
 <213> Anthracoceros albirostris

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caaccctgac acgattcttc gccctacact ttctcctccc gttcataatc gcaggcctag	180
tcctaattca cctggcattc ctccacgaat caggctcaaa caaccacta ggcatacat	240
ccaactgcca caaaatccca ttccacccat actttgccct aaaggacatc ctaggattca	300
cagtaatact cctcctccta acctccctag ccctcttctc cccaaccta ctaggagacc	360
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<210> 200
 <211> 472
 <212> DNA
 <213> Falco femoralis

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caacactgac ccgattcttc gccctacact tcctcctacc attcctaatc gcagggctca	180
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caaactgcca taaaatccca ttccatccct attactctct caaagacctc ctaggattca	300
tactcatata cctcccccta ataaccttag cctattcac tcccaaccta ctaggagacc	360
cagaaaactt tacaccagca aatcccctag tcacaccccc acacatcaaa ccagaatgat	420
acttcctatt cgcctacgcc atcctacgct caatcccaa caaactaggt gg	472

<210> 201
 <211> 472
 <212> DNA

<213> Falco verpertinus

<400> 201

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caacactaac ccgattcttc gccctacact ttctcctacc attcctaata gcagggtca	180
ccctaattca cctcaccttc ctacacgaat caggttcaaa caaccccta ggaatcacat	240
caaactgcga caaaatccca ttccatccct actactctct aaaagacctt ttaggagtca	300
tactcatata cctcccccta ataaccctag ccctatttac cccaaactta ctaggagacc	360
cagaaaactt cacaccagca aacccctag tcacaccccc acacatcaaa ccagaatgat	420
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<210> 202

<211> 472

<212> DNA

<213> Falco peregrinus

<400> 202

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caacactgac ccgattcttc gccctacact tcctacttcc attcctaata gcaggactca	180
ccctaatacca cctcaccttc ctacatgaat caggctcaaa taaccccta ggaatcacat	240
caaattgcga caaaatccca ttccacccat actactctct caaagatata ctaggattta	300
tactcatata cctgccccta ataaccctag ccctatttac cccaaacctg ctaggagacc	360
cagaaaactt tacaccagca aatcccttag tcacaccccc acacatcaaa ccagaatgat	420
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<210> 203

<211> 472

<212> DNA

<213> Falco sparverius

<400> 203

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caacactaac ccgcttcttc gccttacact tcctcctacc attcctaata gcagggtta	180
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caaactgtga caaaatccca ttccacccct actactctct caaagacctc ctaggtttta	300
tgctcactact cctgccccta atagccctag ccctattcac cccaaacctg ctaggagacc	360

cagaaaactt cacaccagcg aacccccctag tcaccccacc acacatcaaa ccagaatgat 420
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<210> 204
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 <213> *Aythya americana*

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 cagaaaactt taccacagca aaccactag taaccccacc ccacatcaaa ccagaatgat 420
 acttcctatt cgcctacgcc atcctgcgat caatcccgaa taaactagga gg 472

<210> 205
 <211> 472
 <212> DNA
 <213> *Smithornis sharpei*

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 <213> *Vidua chalybeata*

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cagactgtga caaaattcca ttccacccat actacaccac aaaggacatc ctaggcttcg	300
tactaatatt cgcactccta gcttccatag ccctattctc cccaaacata ctaggagatc	360
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<210> 207
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 <212> DNA
 <213> *Chrysemys picta*

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caaacactga caaaatccca ttccaccctt atttctcata taaagacctt ttaggcgtca	300
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cagataactt cacaccggcc aaccccctat ctaccccacc acatattaaa ccagaatgat	420
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<210> 208
 <211> 472
 <212> DNA
 <213> *Emys orbicularis*

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<210> 209
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<212> DNA
 <213> Chelonia mydas

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<210> 210
 <211> 472
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 <213> Eumeces egregius

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<210> 211
 <211> 472
 <212> DNA
 <213> Antelope cervicapra

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 caacccttac ccgatttttc gccttccact ttatcctccc atttatcatt gcagccctta 180
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<210> 212
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<220>
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<210> 213
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 <223> Universal primer for amplifying a fragment of cytochrome b gene o
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<210> 214
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Universal primer for amplifying a fragment of cytochrome b gene o
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<210> 215
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<210> 216
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<213> Aepyceros melampus

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caaccctnac ccgatttttc gcyttccact tcatcyttcc attcatcatt gcggcactag 180
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<210> 217

<211> 472

<212> DNA

<213> Oreotragus oreotragus

<220>
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<400> 217
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 ttccatatat tggcacaacac ctggtagaat gaatctgagg aggattctcg gtggacaaag 120
 caacccttac ccgattcttt gcctttcact tcacttttcc atttatcatc gcagccctag 180
 ccatagtaca cctactcttt ctccacgaaa cagggtccaa taaccccaca ggaatctcat 240
 cagacacaga caaaatccca tttcatcctt attacacaat caaagatatc ctaggcgccc 300
 tattactaat tctagcttta ttactcttag tattattcac acctgacctt cttggagacc 360
 cagataacta caccacagca aaccactca acactcccc tcacattaaa ccagaatggt 420
 atttcttatt ngcatatgca atctacgat caatcccaa taaactagga gg 472

<210> 218
 <211> 472
 <212> DNA
 <213> Addax nasomaculatus

<400> 218
 tgccatgagg acaaatatca ttctgaggag caacagtcac caccaacctt ctctcagcaa 60
 tcccatatat cggcacagac ctggtcgaat gaatctgagg aggattctcc gtagacaaag 120
 caacccttac ccgatttttc gccttccact ttattctccc ctttattatc gctgcccttg 180
 ccatagtcca tctactcttt ctccacgaaa cagggtccaa caaccctaca ggaatctcct 240
 cagacacaga caaaatccca ttccacctt actataccat taaagacatc ttaggcgccc 300
 tactactaat tctagtcctc atactactag tattattcac acccgacctt cttggagacc 360
 cagacaatta taccacagca aatccactta gcacgcccc tcacatcaaa cctgaatgat 420
 atttcttatt tgcatacgca attctacgat caatcccaa caaactagga gg 472

<210> 219
 <211> 472
 <212> DNA
 <213> Oryx damah

<400> 219
 taccatgagg acaaatatca ttttgagggg caacagttat cactaacctt ctctcagcaa 60

tcccatacat cggcacaaat ctagtcgaat gaatttgagg gggattctcc gtagacaaag	120
caaccctcac ccgatttttc gccttcact ttattctccc ttttattatc gctgcccttg	180
ccatagtcca cctactcttt ctccacgaaa caggctccaa caaccctaca ggaatcacct	240
cagacacaga caaaattccg ttccaccctt attataccat taaagatatc ttaggcgccc	300
tactactaat cctagccctt atgttgctag tattattcgc acccgaccta cttggagacc	360
cagataatta tacaccagca aatccactta acacaccccc tcacatcaaa cccgaatgat	420
atttcctatt tgcatatgcg atcttacgat caatcccaa caaactagga gg	472

<210> 220
 <211> 472
 <212> DNA
 <213> Hippotragus equinus

<400> 220	
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tcccatacat tggcaciaac ctagtcgaat gaatctgagg gggattctcc gtagacaaag	120
caaccctcac ccgattcttc gccttcact ttattcttcc ctttatcatc actgcccttg	180
ccatagtaca cctactcttt ctccatgaga caggctccaa caacccaca ggaatttgat	240
cagactccga taaaacccca ttccaccctt actacaccat taaagacatt ctaggcgccc	300
tactactaat tctagccctc atactactag tactattcgc acccgaccta cttggagacc	360
cagacaacta tgccccagca aaccactca acacggcccc tcacattaaa cccgaatgat	420
attttttatt cgcgtacgca attctacgat cgatcccaa taagctggga gg	472

<210> 221
 <211> 472
 <212> DNA
 <213> Alcelaphus buselaphus

<400> 221	
tgccatgagg acaaatatca ttctgagggg caacagtcac caccaatctc ctctcagcaa	60
tcccatacat tggcacagac ctagtagaat gaatctgagg gggattctca gtagacaaag	120
caacccttac ccgatttttt gccttcact tcattcttcc attcatcatt gcagcccttg	180
ccatagtcca cctcttattc ctccacgaaa caggatctaa caacccaca ggaatctcat	240
cagacgcaga taaaatccca ttccaccctt actatacaat caaggacatt ctaggcgccc	300
tattactaat cctagccctc atactactag tactattcgc acccgacctg ctcggagacc	360
cagacaacta caccgccg aaccactta acacaccccc tcacatcaag cccgaatgat	420
atttcctatt tgcatatgca atcctacgat caatccctaa caaactagga gg	472

<210> 222
 <211> 472
 <212> DNA
 <213> *Sigmoceros lichtensteinii*

<400> 222
 tgccatgagg acaaatatca ttctgagggg caacagtcac caccaatctc ctctcagcaa 60
 tcccatatat tggcacagac ctagtagaat gaatctgagg aggattatca gtagacaaag 120
 caacccttac ccgatttttt gccttcact tcattctccc attcatcatt gcagcccttg 180
 ccatagttca cctcttattc ctccacgaaa caggatctaa caaccccaca ggaatctcgt 240
 cagacgcaga taaaatccca ttccaccctt actatacaat caaggacatt ctaggcgccc 300
 tattactaat tctagccctc atactactag tactattcgc acccgacctg ctcgagagacc 360
 cagacaacta ccccccgcg aaccactta acacaccccc tcacatcaag cccgaatgat 420
 atttcctatt tgcatacgca atcctacgat caatccctaa caaactagga gg 472

<210> 223
 <211> 472
 <212> DNA
 <213> *Beatragus hunteri*

<400> 223
 tgccatgagg acaaatatca ttctgaggag caacagtcac caccaacctc ctctcagcaa 60
 ttccatatat tgggtacaaac ctagtcgaat gaatctgagg aggcttctca gtagacaaag 120
 caacctcac ccgatttttc gctttccact ttattctccc atttatcatt acagcccttg 180
 ccatagtcca cctcttattt ctccacgaaa caggatctaa caaccccaca ggaatctcgt 240
 cagatgcaga taaaattcca ttccaccctt actacaccat caaagacatc ctaggcgccc 300
 tactactaat tctagccctc atattactag tactatttgc acccgacctg ctcgagagacc 360
 cagacaacta ccccccgca aaccactta atacaccccc tcacatcaaa cccgaatgat 420
 atttcctatt tgcatacgca atcctacgat caatcccca taaactagga gg 472

<210> 224
 <211> 472
 <212> DNA
 <213> *Damaliscus lunatus*

<400> 224
 tgccatgagg acaaatatca ttctgaggag caacagtcac cactaacctc ctctcagcaa 60
 ttccatacat cggcacaaat ctagtcgaat ggatctgagg gggcttctca gtagacaaag 120
 ccacctcac ccgattcttt gccttcact tcattctccc atttatcatc gtagctcttg 180
 ccatagtcca cctcttattc ctccatgaaa caggatctaa caaccccaca ggaatctcat 240
 cagatgcgga caaaatcccg ttccaccctt actacactat caaagacgcc ctaggggccc 300

tactactaat tctagccctc atactactag tactattttgc acccgacctg ctcgagagacc	360
cagacaacta cacccttgca aaccctactca acacgcccc tcacatcaag cccgagtgat	420
atttcctatt cgcatacgca atcctacggt cgatccccaa cgagctagga gg	472

<210> 225
 <211> 472
 <212> DNA
 <213> *Connochaetes taurinus*

<400> 225	
taccatgagg acaaatatcc ttttgaggag caacagtcac caccaacctc ctctcagcaa	60
tcccatacat tggcactaac ctagtctgaat gaatctgagg gggattctca gtagacaaag	120
caacccttac ccgatttttc gctttccact tcattcctcc atttatcatc acagcccttg	180
ctatagtcga tctcctattc ctccacgaaa caggatctaa caatcccaca ggaatttcac	240
ccgacaccga taaaatccca ttccccccct attacaccat caaagacatc ctaggcgctc	300
tattactaat tctagcccta atactactag tactatttcgc gcccgattta cttggagacc	360
cagacaacta ccccccgca aatccactca acacaccccc tcacatcaag cccgaatgat	420
acttcctatt tgcatacgca atcctacgat caatccccaa cggactagga gg	472

<210> 226
 <211> 472
 <212> DNA
 <213> *Bison bonasus*

<220>
 <221> misc_feature
 <222> (437)..(437)
 <223> unknown

<400> 226	
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tcccatacat cggcacaaat ctagtctgaat gaatctgagg cggattctca gtagacaaag	120
caacccttac ccgatttttc gctttccact ttatcctccc atttattatc atagcaattg	180
ccatagttca cctactattc ctccacgaaa caggttctaa caatccaaca ggaatttcct	240
cagacacaga caaaattcca ttccaccctt actataccat taaagacatc ctaggagcct	300
tattactaat tctaactcta atactactag tactatttcgc accggacctc ctcgagagacc	360
cagataacta cccccagca aatccactta acacacctcc ccacatcaaa cccgaatgat	420
acttcctatt tgcatangca attttacggt caatccccaa caaactagga gg	472

<210> 227

<211> 472
 <212> DNA
 <213> Bos grunniens

<400> 227
 taccatgagg acaaatatca ttttgagggg caacagtcac taccaacctc ctatcagcaa 60
 ttccatacat cggcacaaat ttagtcgaat ggatttgagg tgggttctca gtagacaaag 120
 caaccctcac ccgattcttc gctttccact ttatcctccc atttattatt acagcaattg 180
 ccatagtcca cctactattc ctccacgaaa cagggtccaa caatccaaca ggaatctcct 240
 cagacgcaga caaaattcca tttcaccctt actataccat taaagacatc ttaggagcct 300
 tattactaat tctagcccta atactttctg tactattcac acccgacctc ctcgagagacc 360
 cagacaacta caccacgca aatccactca acacacctcc ccacatcaaa cccgaatgat 420
 acttcttatt tgcatacgca attttacgat caatccccaa taaactagga gg 472

<210> 228
 <211> 472
 <212> DNA
 <213> Bos tragocamelus

<400> 228
 taccatgagg acaaatatca ttttgaggag caacagttat taccaatcta ttatcagcaa 60
 tccatacat cggcacaaac ctagtgaat gaatctgagg cgggttctca gtagacaaag 120
 caaccctaac ccgattcttc gctttccact ttatcctccc attcatcatt gcagccctcg 180
 caataatcca tctactcttc ctccatgaaa cagggtctaa caatccaaca ggaatttcat 240
 cagacgcaga taaaatccca tttcaccctt actacactat taaagacatt ctaggagccc 300
 tactacttat tctagcccta ataatactag tactattcgc acccgacctc ctcgagagacc 360
 cagacaacta caccacgca aaccactta gcacacctcc ccatattaag cccgaatggg 420
 atttctggtt cgcatacgca atttctacgat caatccccaa caaactagga gg 472

<210> 229
 <211> 472
 <212> DNA
 <213> Bubalus bubalis

<400> 229
 tgccatgagg acaaatatca ttctgagggg caacagtcac caccaacctt ctctcagcaa 60
 tccatacat tgggtacaagt ctggttgaat gaatttgagg gggatttctca gtagacaaag 120
 caaccctcac ccgattcttc gcatttccact tcctcctccc attcattatc gcaggacttg 180
 caatagtcca cctattattt ctccacgaaa caggatccaa caaccaaca ggaatctcat 240
 cagacacaga caaaatccca ttccaccctt attacaccat taaagacatc ctaggcgccc 300

tactattaat cctagcccta atactattag tactattcgc acccgacctc ctcggggacc 360
cagacaacta caccacagca aaccactca acacacctcc ccacatcaag cctgaatggt 420
acttcctatt cgcatacgca atcttacgat caattcctaa caaactagga gg 472

<210> 230
<211> 472
<212> DNA
<213> Bubalus mindorensis

<400> 230
tgccatgagg acaaatatca ttctgaggag caacagtcac caccaacctt ctctcagcaa 60
tcccatacat tggcacaaac ctagttaggt gaatttgagg gggattctca gtagacaaag 120
caaccctcac ccgattcttc gcatttcact tcctcctccc attcattatc gcagcacttg 180
caatagtcca cctattatct ctccacgaaa caggatccaa caaccaca ggaatctcat 240
cagacacaga caaaatccca ttccacctct actacacct taaagacatt ctaggcgccc 300
tgctattaat cctagcccta atactattag tactattcac acccgacctc ctcggggacc 360
cagacaacta caccacagca aaccactca acacacctcc ccacatcaaa cctgaatggt 420
acttcctatt cgcatacgca atcttacgat cagttcctaa caaactagga gg 472

<210> 231
<211> 472
<212> DNA
<213> Tragelaphus angasii

<400> 231
tgccatgagg acaaatatca ttctgaggag caacgggtcat cacaacctc ctatcagcaa 60
tcccatacat tggcaccaac ctagttaggt gaatttgagg aggcttctcg gtagacaagg 120
caaccctaac ccgatttttc gccttccact tcctcctccc gtttattatt acagcgctgg 180
ttatggtcca cctattatct ctccatgaaa caggatccaa caaccaca ggaatctcat 240
cagacataga caaaattcca ttccacctct attacactat caaggacatc ctaggcgccc 300
tactattaat cctagcccta atagtactag tactattcac acctgacctc ctcggagacc 360
ccgacaacta caccacagcg aacccctca atacacctcc ccacatcaaa cctgaatgat 420
atttcctggt cgcatacgca atcttacgat ctatcccaa caagctagga gg 472

<210> 232
<211> 472
<212> DNA
<213> Tragelaphus eurycerus

<400> 232
taccatgagg acaaatatca ttttgaggag caacagtcac cacaacctt ctatcagcaa 60

tcccttatat	tggcaccagc	ctagtcgaat	gaatctgagg	gggcttttca	gtagacaaag	120
caaccttaac	ccgattcttc	gccttccact	ttatccttcc	atttattatt	acagcactag	180
ccatggtaca	cctactattc	ctccacgaaa	caggatccaa	caacccaaca	ggratctcat	240
craacataga	caaaattcca	tttcaccctt	actacactat	taaggacatc	ctaggtgccc	300
tactgcta	at	acttctctag	tactattcgc	acccgacctt	ctcggagacc	360
ccgacaacta	caccccagca	aaccactca	acacaccacc	tcatatcaaa	cctgaatgat	420
acttcctatt	cgcatatgca	atcctacgat	caatccctaa	taaactagga	gg	472

<210> 233
 <211> 472
 <212> DNA
 <213> *Nemorhaedus caudatus*

<400> 233	
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ttctgagggg	caacagttat
taccaatctt	ctctcagcaa
	60
tcccatatat	tggcacaaac
ctagtcgaat	gaatctgagg
gggattctca	gtagacaaag
	120
ctactctcac	ccgattcttc
gccttccact	tcatcctccc
atttatcatt	acagctactg
	180
ctatagtcca	cctacttttc
ctccatgaga	taggatccaa
caaccccaca	ggtatcccat
	240
cagacataga	caaaatccca
tttcaccctt	attatacaat
caaagatatt	ctaggcgcta
	300
tactactaat	cctcaccctt
atcttactgg	tattattcac
acctgactta	cttggagatc
	360
cagacaacta	taccccagca
aaccactca	gcacaccccc
tcacattaaa	cctgaatgat
	420
atttcctatt	tgcataatgca
atcttacgat	caatccccaa
taaactaggc	gg
	472

<210> 234
 <211> 472
 <212> DNA
 <213> *Pseudois naya*

<400> 234	
tgccatgagg	acaaatatca
ttttgagggg	caacagtcac
caccaacctt	ctctcagcaa
	60
tcccctatat	tggcacaaat
ctagtcgaat	ggatctgagg
gggattctca	gtagacaaag
	120
ccactctcac	ccgattcttc
gccttccact	tcacccccc
atttattatt	atagccctcg
	180
ccatagtcca	cctacttttc
ctccacgaaa	caggatctaa
caaccccaca	ggaatcccat
	240
cagacacaga	caaaatccca
ttccaccctt	actacaccat
taaagatatt	ctaggcgctg
	300
cactgcta	at
ctcgccctg	atattactag
tattatttac	acccgaccta
ctcggagacc	
	360
cagacaacta	caccccagca
aaccactca	acacaccccc
tcacattaaa	cccagatgat
	420
atttcctatt	tgcataatgca
atcctacgat	caattcccaa
caagctagga	gg
	472

<210> 235
 <211> 472
 <212> DNA
 <213> Ammotragus lervia

<400> 235
 tgccatgagg acagatatca ttctgagggg caacagtcac caccaacctt ctctcagcaa 60
 tcccatacat tggcacagac ctggtcgaat gaatctgagg gggattctca gtagacaaag 120
 ctactctcac ccgattcttc gccttccact tcctcctccc atttgtaatc gcagccctag 180
 ccatagtcca cttacttttc ctccatgaaa cgggatccaa caacccacaca ggaatttcat 240
 cagacgcaga caaaatccca ttccaccctt actacaccat caaagatatt ctaggcgcca 300
 tgctactaat cctcaccctc acactactag tactatttac acccgatcta ctcggggacc 360
 cagacaacta taccacagca aatccactca acacaccccc tcatattaaa cctgaatgat 420
 acttcctatt tgcatacgca atcctacgat caatccctaa taaactggga gg 472

<210> 236
 <211> 472
 <212> DNA
 <213> Capra falconeri

<400> 236
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 tcccatacat tggcacaaac ctagtcgaat gaatctgagg aggattctca gtagataaag 120
 ccaccctcac ccgattcttc gccttccact ttatcctccc attcatcatt gcaggcctcg 180
 ccatagtcca cctactcttc ctccacgaaa caggatccaa caatcccaca ggaattccat 240
 cagacacaga caaaatccca tttcaccctt actacaccat taaagatatc ctaggcgcca 300
 tactactaat tctcgccctg atgctactag tactattcac acctgaccta ctcgagagacc 360
 cagataacta tatcccagca aatccactca atacaccccc tcatatcaaa cctgagtggg 420
 acttcctatt tgcatacgca atcctacgat caatccccaa caaactagga gg 472

<210> 237
 <211> 472
 <212> DNA
 <213> Capra ibex

<400> 237
 taccatgagg acaaatatca ttctgagggg caacagtcac cactaacctt ctctcagcaa 60
 tcccatacat tggcacaaac ctagtcgaat gaatctgagg gggattctca gtagacaaag 120
 ccactctcac ccgattcttc gccttccact tcctcctccc attcatcatt acagccctcg 180
 ccatagtcca cctgctcttc ctccacgaaa cgggatccaa caacccacaca ggaattccat 240
 cagacacaga caaaatccca ttccaccctt actacaccat taaagatatc ttaggcgcca 300

tgctactaat tcttgtccta atattactag tactattcac acccgaccta ctcggggacc	360
cagacaacta taccagca aaccactca atacaccccc tcacattaaa cctgaatgat	420
atttcctatt tgcatacgca atcctacgat caattcccaa caaactaggg gg	472

<210> 238
 <211> 472
 <212> DNA
 <213> *Hemitragus jemlahicus*

<400> 238	
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ttccatatat cggcacaaac ctagtccaat gaatctgagg aggattctca gtagacaaag	120
ctaccctaac ccgattcttc gctttccact tcattctccc attcatcatt gcagccctcg	180
ccatagtcca cctgctcttc ctccacgaaa caggggtccaa caacccacaca gggattccat	240
cagatacaga caaaatccca ttccaccctt actacaccat taaagatatt ttaggcgcca	300
tactactaat tcttgtccta atattactag tactatttat acccgaccta cttggagacc	360
cagacaacta taccagca aatccactca acacaccccc tcacattaaa cctgaatgat	420
attttctatt tgcatacgcg atcctacgat caattcccaa caaactagga gg	472

<210> 239
 <211> 472
 <212> DNA
 <213> *Rupicapra pyrenaica*

<400> 239	
taccatgagg acagatatca ttctgaggag caacagttat taccaatctc ctctcagcaa	60
tcccatatcat tggcatagac ttagtcaggt gaatctgagg gggcttctcg gtagacaaag	120
ctaccctcac ccgattcttt gcctttcact tcactctccc attcatcatt gcagccctag	180
ccatagtcca cctactcttc ctccatgaaa caggatcaaa caacccacaca ggaatcccat	240
cagatgcgga traaatccca ttccaccctt actataccat taaagacatt ctaggcgcca	300
tactactaat cctcaccctt atactactgg tactatttac acctgaccta ctcggagacc	360
cagataacta taccagcg aaccactca acacaccccc tcacatcaaa cccgaatgat	420
atttcttggt tgcatatgcg atcctacgat caattcccaa caaacttgga gg	472

<210> 240
 <211> 472
 <212> DNA
 <213> *Rupicapra rupicapra*

<220>
 <221> misc_feature

<222> (246)..(264)
 <223> unknown

<220>
 <221> misc_feature
 <222> (338)..(338)
 <223> unknown

<400> 240
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 tcccgtatat tggcacagac ttagtcgaat gaatctgagg aggcttctcg gtagacaagg 120
 ctacctcac ccgattcttt gccttccact tcctcctccc atttatcatt gcagccttag 180
 ccctagtcca cctactcttc ctccacgaaa caggatctaa caaccccaca ggaatcccat 240
 cagatgcgga caaaatccca tttnacccct attataccat caaagacatt ctgggcgcca 300
 tactactaat cctcacctc atactactag tactattnac acctgacctc ctcgagagacc 360
 cagataatta caccacagcg aaccactca acacaccccc tcacattaaa cccgagtgat 420
 atttcttatt tgcatacgca attctacgat caatcccca caaacttgga gg 472

<210> 241
 <211> 472
 <212> DNA
 <213> *Pantholops hodgsoni*

<400> 241
 taccatgagg acaaatatca ttctgaggag caacagtaat taccaacctc ctttcagcaa 60
 tcccatacat tggcacagac ctagtogaat gaatctgagg gggattctca gtagacaaag 120
 ctaccttac ccgattcttt gccttccatt tcattctccc attcatcatc gcagccctcg 180
 ccctagtcca cctactcttc ctccacgaaa caggatccaa caaccccaca ggaattccat 240
 cagatgcaga caaaatccca tttcacccct actataccat taaagacatc ctaggcgcta 300
 tactactaat cctaactctc atattactag tactatcttc acccgacctc ctcgagagacc 360
 cagacaatta taccacagca aacccctca acacaccacc ccacattaaa cctgaatggt 420
 actttctatt tgcatacgca atcctacgat caatcccca caaactagga gg 472

<210> 242
 <211> 472
 <212> DNA
 <213> *Budorcas taxicolor taxicolor*

<400> 242
 taccatgagg acaaatatca ttttgaggag caacagtcac taccaacctc ctctcagcaa 60
 tcccatacat tggcacaaac ctagttgagt gaatctgagg aggattctca gtagacaaag 120

catccctcac ccgattcttt gcctttcact tcatectccc atttatcatc gcagacctcg	180
ccatagtcca ttactttttc ctccacgaaa caggatccaa caaccccaca ggaattccgt	240
cagatgcaga taaaattcca ttccaccctt attacaccat taaagatatc ctaggagtca	300
tactactaat cctcgtcctc atgttgctag tactatttat acttgacgta cttggagacc	360
cagataatta taccacagca aatccactca acacaccccc tcacatcaaa cctgaatgat	420
atttcctatt tgcatacgca atcttacgat caatccccaa caaactagga gg	472

<210> 243
 <211> 472
 <212> DNA
 <213> Ovis ammon

<400> 243	
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ccaccctgac ccgattcttc gcctttcact ttattttccc attcatcatc gcagccctcg	180
ccatagtcca cctactcttc ctccacgaaa caggatccaa caaccccaca ggaatcccat	240
cggacacaga taaaattccc ttccaccctt actacaccat taaagacatc ctaggtgcca	300
tcctactaat cctcaccctc atactactag tactattcac gcctgacctc ctcggagacc	360
cagacaacta caccacagca aaccactta aactccccc tcacatcaaa cctgaatgat	420
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cggacacaga caaaatcccc ttcnnnnnnn nnnnnnnnat taaagacatt ctgggtgcca     300
tcctactaat cctcatcttc atgctgctag tactattcac gcctgactta cttggagacc     360
cagacaacta caccacgca aaccactta acactcccc tcacatcaaa cctgaatgat     420
atttcctatt tgcatacgca atcttacgat caatccctaa taaactagga gg              472
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<210> 245

<211> 472

<212> DNA

<213> *Capcornis crispus*

<400> 245

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cagacacaga caaaatccca ttccaccctt actacacaat caaagatatc ctaggcacgc     300
tgctactaat cctcaccctc atactactag tactgttcac acccgaccta ctcggagacc     360
cagacaacta cactccagca aaccactca acacaccccc tcacatcaag cccgagtgat     420
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<210> 246

<211> 472

<212> DNA

<213> *Ovibos moschatus*

<400> 246

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ccaccctcac ccgatttttt gctttttact ttatcctccc atttatcatc gtagccctcg     180
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ctatagtaca tttgctcttc ctccacgaaa caggatccaa caaccccaca ggaattccat	240
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tactactaat ccttaccctt atactactag tattattcac acccgaccta cttggagacc	360
cagacaacta taccacagca aaccactca acacaccccc tcacattaaa ccagagtgat	420
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<210> 247
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 <212> DNA
 <213> *Oreamnos americanus*

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ccaccctgac ccgattcttc gcctttcact ttatcttccc attcatcatc gcagccctcg	180
ccatagtcca cctactcttc ctccacgaaa caggatccaa caaccccaca ggaatcccat	240
cggacacaga taaaattccc ttccaccctt actacaccat taaagacatc ctaggtgcc	300
tcctactaat ctcaccctc atactactag tactattcac gcctgaccta ctcggagacc	360
cagacaacta caccacagca aaccactta acactcccc tcacatcaaa cctgaatgat	420
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<210> 248
 <211> 472
 <212> DNA
 <213> *Cephalophus dorsalis*

<400> 248	
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caactctcac ccgattcttt gctttccact ttatcttccc ttttattatt gcagccctcg	180
ccatagttca cctactcttc ctccatgaaa caggatccaa caaccccaca ggagtctcat	240
cggacgcaga caaaatccca ttccaccctt actacaccat taaagacatc ctaggcgccc	300
tactactcat tctagcccta ataactctag tattattctc acccgactta cttggagacc	360
cagataacta caccacagca aaccactca acacacctc ccatattaaa cccgaatgat	420
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<210> 249
 <211> 472
 <212> DNA

<213> Cephalophus maxwellii

<400> 249

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caaccctcac tcgatttttc gccttccact ttatcttccc atttatcatc gcagcccttg      180
ccatagtcca cctactattc ctccacgaaa caggatctaa taaccccaca ggaatctcat      240
cagacgcaga caaaatcccg ttccaccctt actacactat caaagacatc ctaggcgccc      300
tattacttat tctagcccta ataactctag tactattctc acccgactta ctgggagatc      360
cagataatta tactccagca aaccactta acacacctcc ccacatcaag cccgaatgat      420
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<210> 250

<211> 472

<212> DNA

<213> Alces alces

<400> 250

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caactctaac ccgatttttc gccttccact ttattctccc atttatcatc gcagcacttg      180
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cagacgcaga caaaatccca ttccaccctt actacactat caaagatatc ttaggtgccc      300
tactettaac tcttttcccta atactactag tactcttttc accagacctg cttggagacc      360
cagacaacta caccocagct aatccactca acacaccccc tcatattaag cctgaatggg      420
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<210> 251

<211> 472

<212> DNA

<213> Hydropotes inermis

<400> 251

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ccatagtgca cttacttttt ctccacgaaa caggatccaa taaccaca ggaattccat      240
cagatgcaga taaaattcca ttcatccctt actacaccat taaagatatt ctaggtgtac      300
tccttctaatt tcttttcccta atgttattag tcctattttc acctgacctg cttggagacc      360
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<210> 252
 <211> 472
 <212> DNA
 <213> Muntiacus muntjak

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 cagatgtaga caaaattcct ttccatccct actataccat taaagatatt ttaggtgccc 300
 tacttttaat tctcttccta atattattag tattattcgt accagacctg ctcgagagacc 360
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<210> 253
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 <213> Cervus elaphus kansuensis

<400> 253
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 <213> Cervus elaphus xanthopygus

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caaccctaac ccgatttttc gctttccact ttattctccc atttatcatc gcagcactcg	180
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tacttctagt actcttccta atattactag tattattcgc accagacctg cttggagacc	360
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<210> 255

<211> 472

<212> DNA

<213> *Cervus elaphus canadensis*

<400> 255

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caaccctaac ccgattcttc gctttccact ttattctccc atttatcatc gcagcactcg	180
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cagacgcaga caaaatcccc ttccacctt actatacgat taaagatatc ttaggtatct	300
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cagacaacta taccacgca aatccactca acacaccccc tcacattaaa cctgaatgat	420
atttcctatt tgcatacgca atcctacgat caattcccaa caaactagga gg	472